Maschinenfabrik Rieter AG
Klosterstrasse 20
8406 Winterthur

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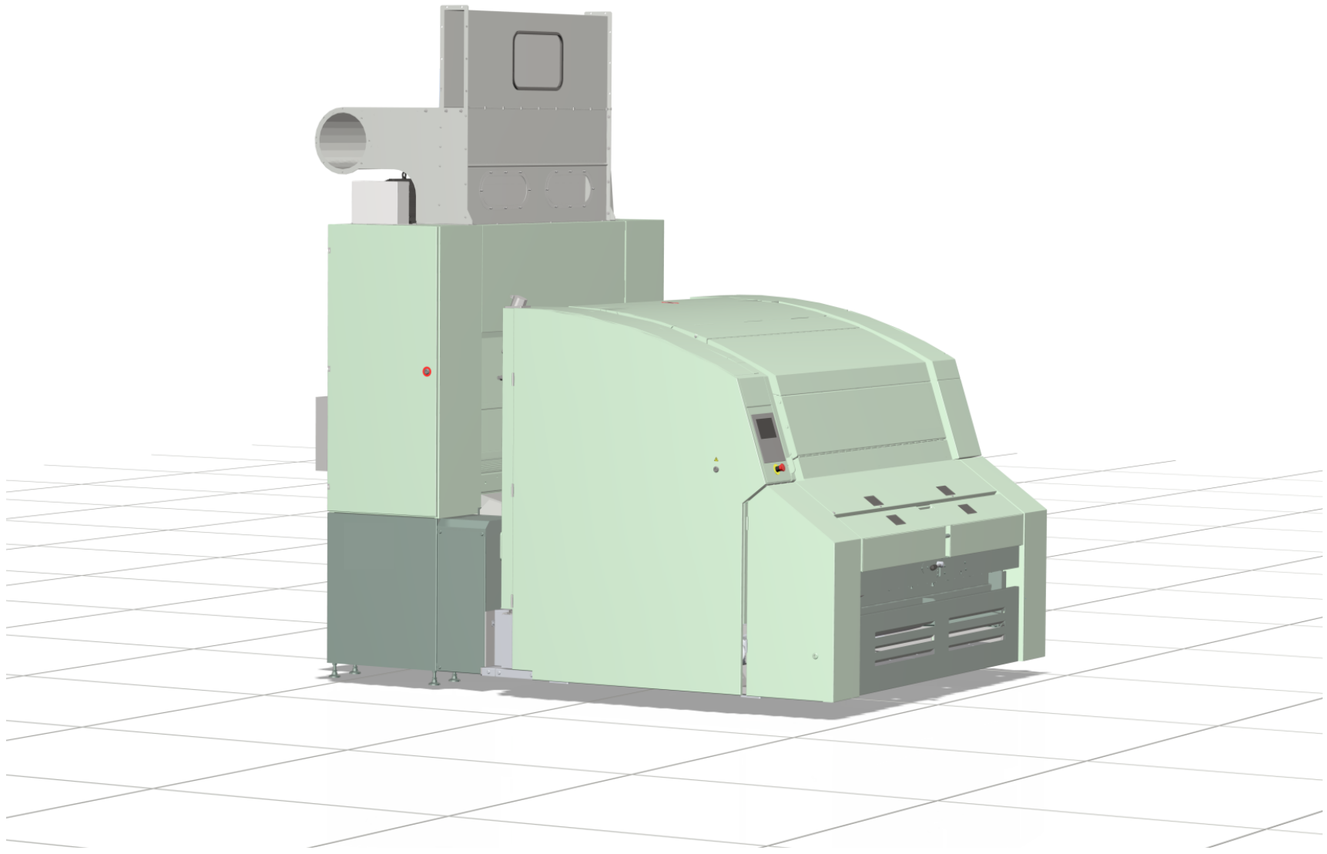
ELECTRICAL DOCUMENTATION

Master number	**30103975**
Projectname	**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**
Project number	**11118152**
Language	en/de
Version	06
date	2021-11-15
Number of pages	175



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electric P8 2.7.3

Back-up fuse for electrical ratings of 3x400V, 50/60Hz Vorsicherung bei 3x400V, 50/60Hz

C 75 L ≤ 120kg/h

	2) Inst. shaft power [kW] Inst. Wellenleistung [kW]	3) Mains adapter transformer [kVA] Netzanpassungstrafo [kVA]	Nominal current [A] Nennstrom [A]	Fuse [A] Vorsicherung [A]		1) Cable Cross section [mm²] Kabel Querschnitt [mm²]	Maximal supply source impedance L-PE Maximale Impedanz der Stromquelle L-PE
				Motor protection switch Motorschutzschalter	Fuse Sicherung		
Chute Card CBA Schacht Karde CBA	23.4	26.1	31	35 3RV2031-4PA10	35 gG 3NA3814-7	6	500mΩ
Card chute, CBA-12 Schacht Karde CBA-12	24.3	28.1	33	35 3RV2031-4PA10	35 gG 3NA3814-7	6	500mΩ
Card chute, RSB Schacht Karde RSB	31.6	28.9	34	40 3RV2031-4UA10	35 gG 3NA3814-7	6	500mΩ
				SIEMENS. Part number SIEMENS. Artikelnummer			

C 75 M ≤ 160kg/h

	2) Inst. shaft power [kW] Inst. Wellenleistung [kW]	3) Mains adapter transformer [kVA] Netzanpassungstrafo [kVA]	Nominal current [A] Nennstrom [A]	Fuse [A] Vorsicherung [A]		1) Cable Cross section [mm²] Kabel Querschnitt [mm²]	Maximal supply source impedance L-PE Maximale Impedanz der Stromquelle L-PE
				Motor protection switch Motorschutzschalter	Fuse Sicherung		
Chute Card CBA Schacht Karde CBA	26.6	31.7	37	40 3RV2031-4UA10	40 gG 3NA3817-6	10	500mΩ
Card chute, CBA-12 Schacht Karde CBA-12	27.5	33.8	39	45 3RV2031-4VA10	40 gG 3NA3817-6	10	500mΩ
Card chute, RSB Schacht Karde RSB	34.8	35.0	42	45 3RV2031-4VA10	50 gG 3NA3820-6	10	500mΩ
				SIEMENS. Part number SIEMENS. Artikelnummer			

1) Recomended for copper, laying system B2 according to EN 60204; respect local regulations!
Empfehlung für Kupfer, Verlegeart B2 gemäss EN 60204; örtliche Vorschriften beachten!

2) Without IGS top (1.5kW)
Ohne IGS top (1.5kW)

3) IGS top incl.
Inkl. IGS top

Back-up fuse for electrical ratings of 3x400V, 50/60Hz Vorsicherung bei 3x400V, 50/60Hz

C 75 H > 160kg/h

	2) Inst. shaft power [kW] Inst. Wellenleistung [kW]	3) Mains adapter transformer [kVA] Netzanpassungstrafo [kVA]	Nominal current [A] Nennstrom [A]	Fuse [A] Vorsicherung [A]		1) Cable Cross section [mm²] Kabel Querschnitt [mm²]	Maximal supply source impedance L-PE Maximale Impedanz der Stromquelle L-PE
				Motor protection switch Motorschutzschalter	Fuse Sicherung		
Chute Card CBA Schacht Karde CBA	30.7	38.5	45	50 3RV2031-4WA10	50 gG 3NA3820-6	10	500mΩ
Card chute, CBA-12 Schacht Karde CBA-12	31.7	40.5	47	50 3RV2031-4WA10	50 gG 3NA3820-6	10	500mΩ
Card chute, RSB Schacht Karde RSB	39.0	41.8	50	55 3RV2031-4JA10	63 gG 3NA3822-6	16	500mΩ
				SIEMENS. Part number SIEMENS. Artikelnummer			

1) Recomended for copper, laying system B2 according to EN 60204; respect local regulations!
Empfehlung für Kupfer, Verlegeart B2 gemäss EN 60204; örtliche Vorschriften beachten!

2) Without IGS top (1.5kW)
Ohne IGS top (1.5kW)

3) IGS top incl.
Inkl. IGS top

	Inst. shaft power [kW] Inst. Wellenleistung [kW]	Adjustable mains supply transformer [kVA] Netzanpassungstrafo [kVA]	Nominal current [A] Nennstrom [A]
Material flow rate for chute ≤ 120 kg/h (Standard Aerofeed) Schacht ≤ 120kg/h Standard Aerofeed	2.8	4.1	5.8
Material flow rate for chute ≤ 160kg/h (Standard Aerofeed) Schacht ≤ 160kg/h Standard Aerofeed	4.6	5.3	7.4
Material flow rate for chute > 160kg/h (Standard Aerofeed) Schacht > 160kg/h Standard Aerofeed	4.8	5.4	7.6
Material flow rate for chute ≤ 120kg/h (Jumbo Aerofeed) Schacht ≤ 120kg/h Jumbo Aerofeed	2.8	4.1	5.8
Material flow rate for chute ≤ 160kg/h (Jumbo Aerofeed) Schacht ≤ 160kg/h Jumbo Aerofeed	4.6	5.3	7.4
Material flow rate for chute > 160kg/h (Jumbo Aerofeed) Schacht > 160kg/h Jumbo Aerofeed	4.8	5.4	7.6
C75 card production ≤ 120 kg/h Karde C75 ≤ 120kg/h	19.1 2)	20.1 3)	22.8
C75 card production ≤ 160 kg/h Karde C75 ≤ 160kg/h	20.5 2)	24.4 3)	27.5
C75 card production > 160 kg/h Karde C75 > 160kg/h	24.5 2)	30.6 3)	34.4
CBA-5 ≤ 120kg/h	1.4	1.8	2.0
CBA-5 ≤ 160kg/h	1.4	2.1	2.3
CBA-5 > 160kg/h	1.4	2.4	2.7
CBA-12 ≤ 120kg/h	2.4	3.8	4.2
CBA-12 ≤ 160kg/h	2.4	4.1	4.6
CBA-12 > 160kg/h	2.4	4.5	5.0
RSB-50 ≤ 120kg/h	9.6	4.6	6.0
RSB-50 ≤ 160kg/h	9.6	5.4	7.0
RSB-50 > 160kg/h	9.6	5.8	8.0

2) Without IGS top (1.5kW)
Ohne IGS top (1.5kW)

3) IGS top incl.
Inkl. IGS top

Structure identifier overview | Strukturkennzeichenübersicht

StID

Plant Anlage	Description Beschreibung
=CHF	Chute Foot Schacht Fuss
=CHU	Chute Schacht
=LIN	Licker-in Vorreisser
=LINV	Licker-In Varioset Vorreisser Varioset
=CYL	Drum Trommel
=FLA	Flat Deckel
=DOF	Doffing unit Abnehmer
=WSS	Web. Suction. Vlies. Absaugung.
=CBA_*12	CBA / Card Sliver Deposit D1200
=CBA	CBA
=CBA12	Card Sliver Deposit D1200
=RSB	Module 50 Modul 50
=CLE	Cleaning Control Reinigungssteuerung
=MON	Monitoring Ueberwachung
=SLO	Safety circuit Sicherheitskreis
=PLC	Programmable Control SPS-Steuerung
=PM	Power. Measuring Leistung. Messung
=ICL	IGS Classic IGS Classic
=ITO	IGS Top IGS Top
=PNE	Pneumatic System Pneumatik
=CON	Connection diagram Anschlussplan

Place Ort	Description Beschreibung
+DC	Cleaning of doffer Abnehmer Reinigung
+ER	Energy rating Leistungsberechnung
+MO1	Module 1 Modul 1
+SIO	Structure identifier Strukturkennzeichen
+TOC	Table of contents Inhaltsverzeichnis
+LAY	Layout Disposition
+EC1	Control Cabinet Schaltschrank
+MA	Machine Maschine
+PLT	Plant Anlage
+CBA	CBA CBA
+FTS	Transport System Transportsystem
+RSB	Module 50 Modul 50

Structure identifier overview | Strukturkennzeichenübersicht

StID

Plant Anlage	Description Beschreibung
=DPL	Device parts list Geraeteliste
=FB	Filter Box Filterkasten
=SDL	Safety device Sicherheitseinrichtung
=SUP	Power supply Einspeisung

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Plant Anlage	Place Ort	Page Seite	Description Beschreibung		total gesamt
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	SIO	5 - 6		Structure identifier Strukturkennzeichen	2
	TOC	7 - 8		Table of contents Inhaltsverzeichnis	2
	LAY	9 - 24		Layout Disposition	16
	LAY	10 - 24		Layout Disposition	16
	LAY	11 - 24		Layout Disposition	16
CHF	EC1	25 - 26	Chute Foot Schacht Fuss	Control Cabinet Schaltschrank	2
CHU	EC1	27 - 33	Chute Schacht	Control Cabinet Schaltschrank	7
LIN	EC1	34 - 36	Licker-in Vorreisser	Control Cabinet Schaltschrank	3
LINV	EC1	37 - 38	Licker-In Varioset Vorreisser Varioset	Control Cabinet Schaltschrank	2
CYL	EC1	39 - 39	Drum Trommel	Control Cabinet Schaltschrank	1
FLA	EC1	40 - 43	Flat Deckel	Control Cabinet Schaltschrank	4
DOF	EC1	44 - 47	Doffing unit Abnehmer	Control Cabinet Schaltschrank	4
WSS	EC1	48 - 49	Web. Suction. Vlies. Absaugung.	Control Cabinet Schaltschrank	2
CBA	EC1	54 - 56	CBA	Control Cabinet Schaltschrank	3
RSB	EC1	61 - 62	Module 50 Modul 50	Control Cabinet Schaltschrank	2
CLE	EC1	63 - 63	Cleaning Control Reinigungssteuerung	Control Cabinet Schaltschrank	1
MON	EC1	64 - 70	Monitoring Ueberwachung	Control Cabinet Schaltschrank	7
SLO	EC1	71 - 73	Safety circuit Sicherheitskreis	Control Cabinet Schaltschrank	3
PLC	EC1	74 - 81	Programmable Control SPS-Steuerung	Control Cabinet Schaltschrank	8
PLC	EC1	75 - 81	Programmable Control SPS-Steuerung	Control Cabinet Schaltschrank	8

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Plant Anlage	Place Ort	Page Seite	Description Beschreibung		total gesamt
PM	EC1	82 - 82	Power. Measuring Leistung. Messung	Control Cabinet Schaltschrank	1
ICL	EC1	84 - 85	IGS Classic IGS Classic	Control Cabinet Schaltschrank	2
ITO	EC1	86 - 87	IGS Top IGS Top	Control Cabinet Schaltschrank	2
PNE	MA	88 - 91	Pneumatic System Pneumatik	Machine Maschine	4
PNE	CBA	92 - 92	Pneumatic System Pneumatik	CBA CBA	1
CON		93 - 125	Connection diagram Anschlussplan		33
DPL		126 - 160	Device parts list Geraeteliste		35
SDL		161 - 175	Safety device Sicherheitseinrichtung		15

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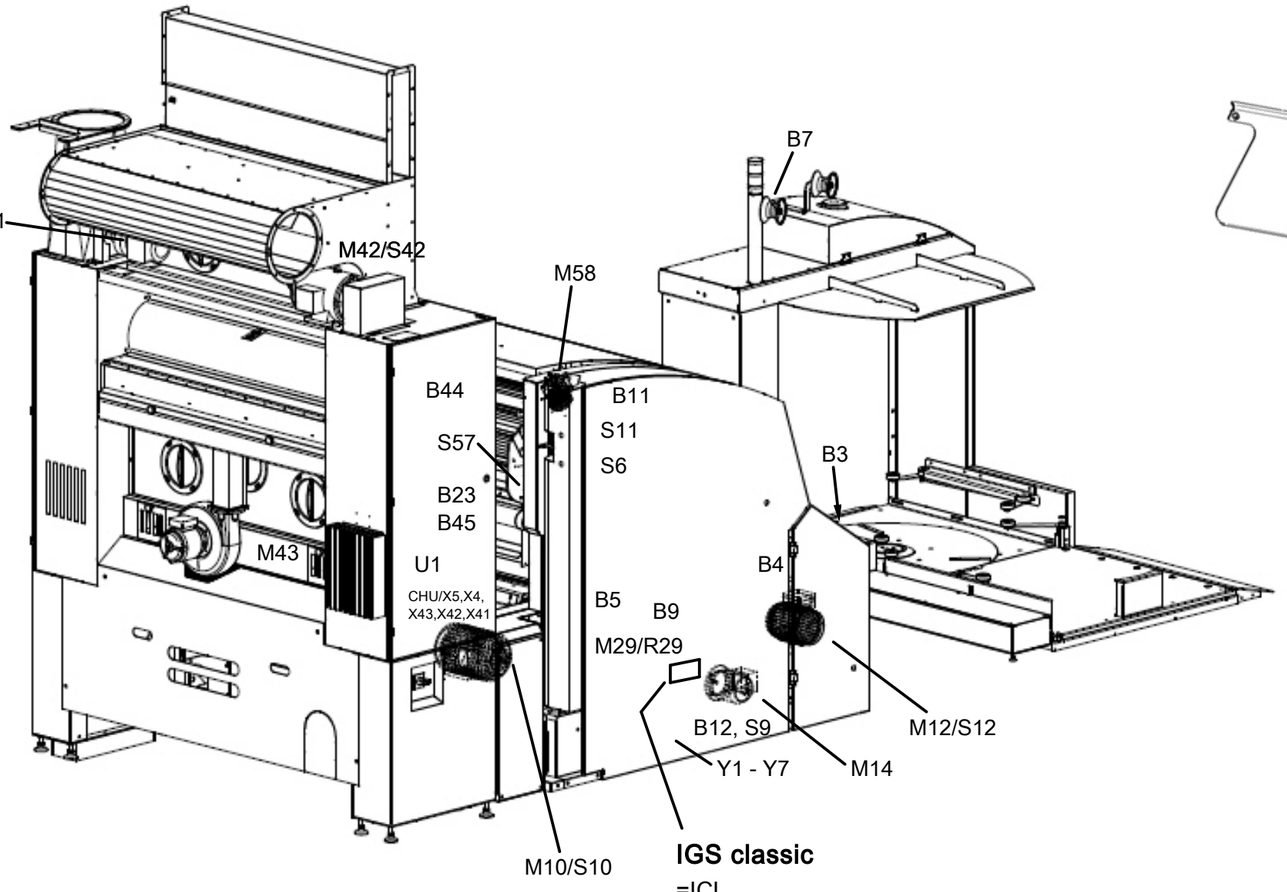
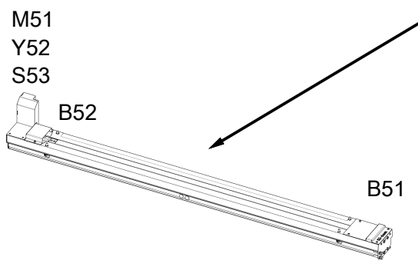
Chute
Schacht

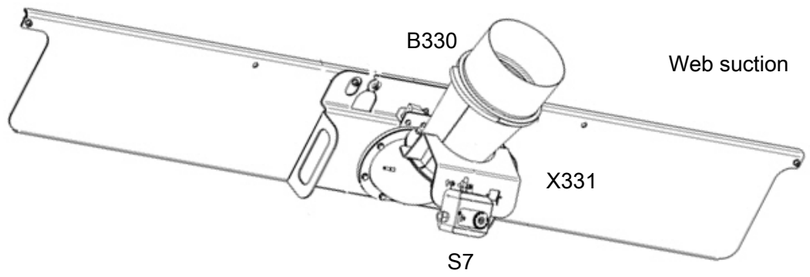
=CHU



IGS classic

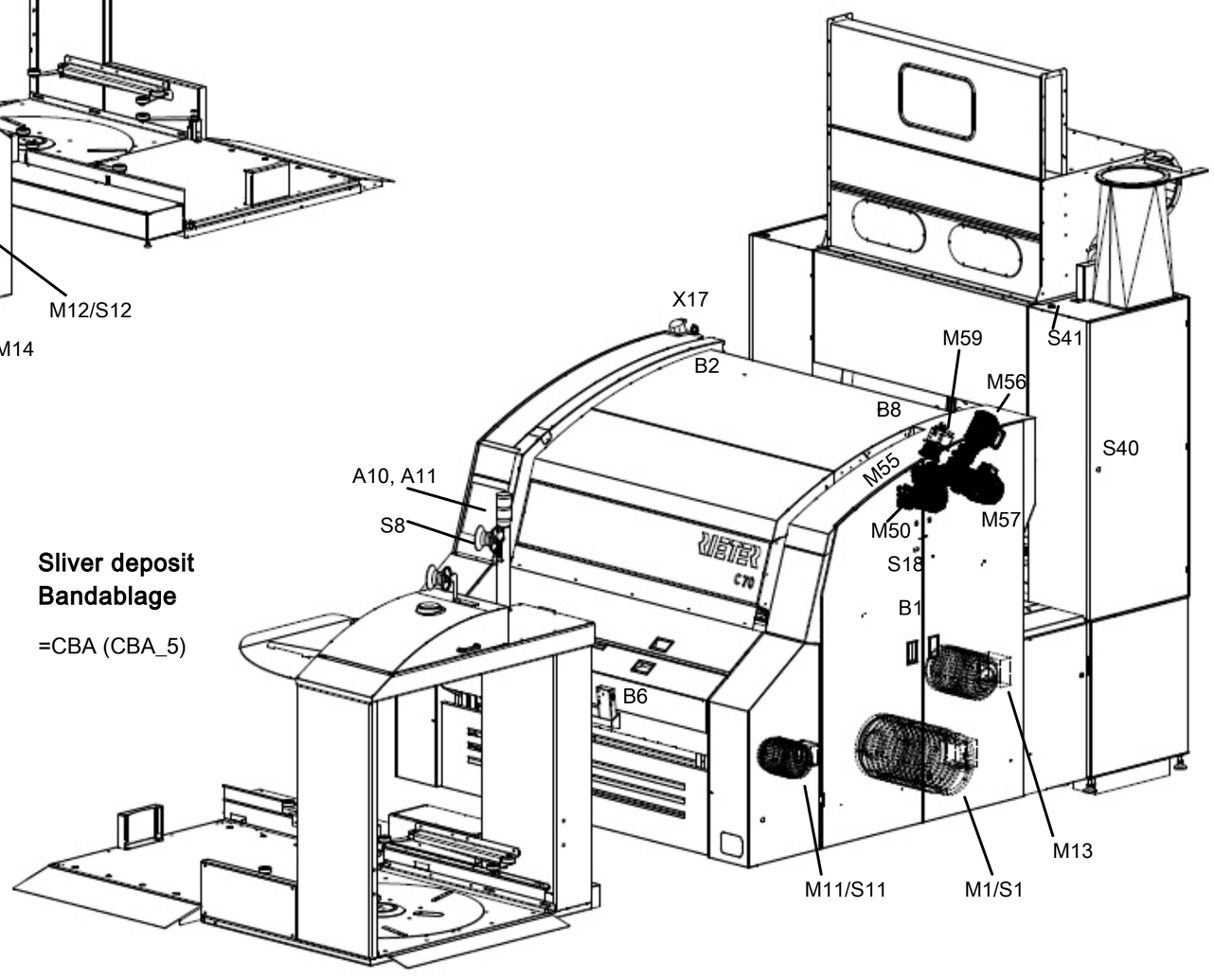
=ICL





Sliver deposit
Bandablage

=CBA (CBA_5)



Overview, machine Uebersicht Maschine			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before +TOC/8
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next 10 Page 9 / 175

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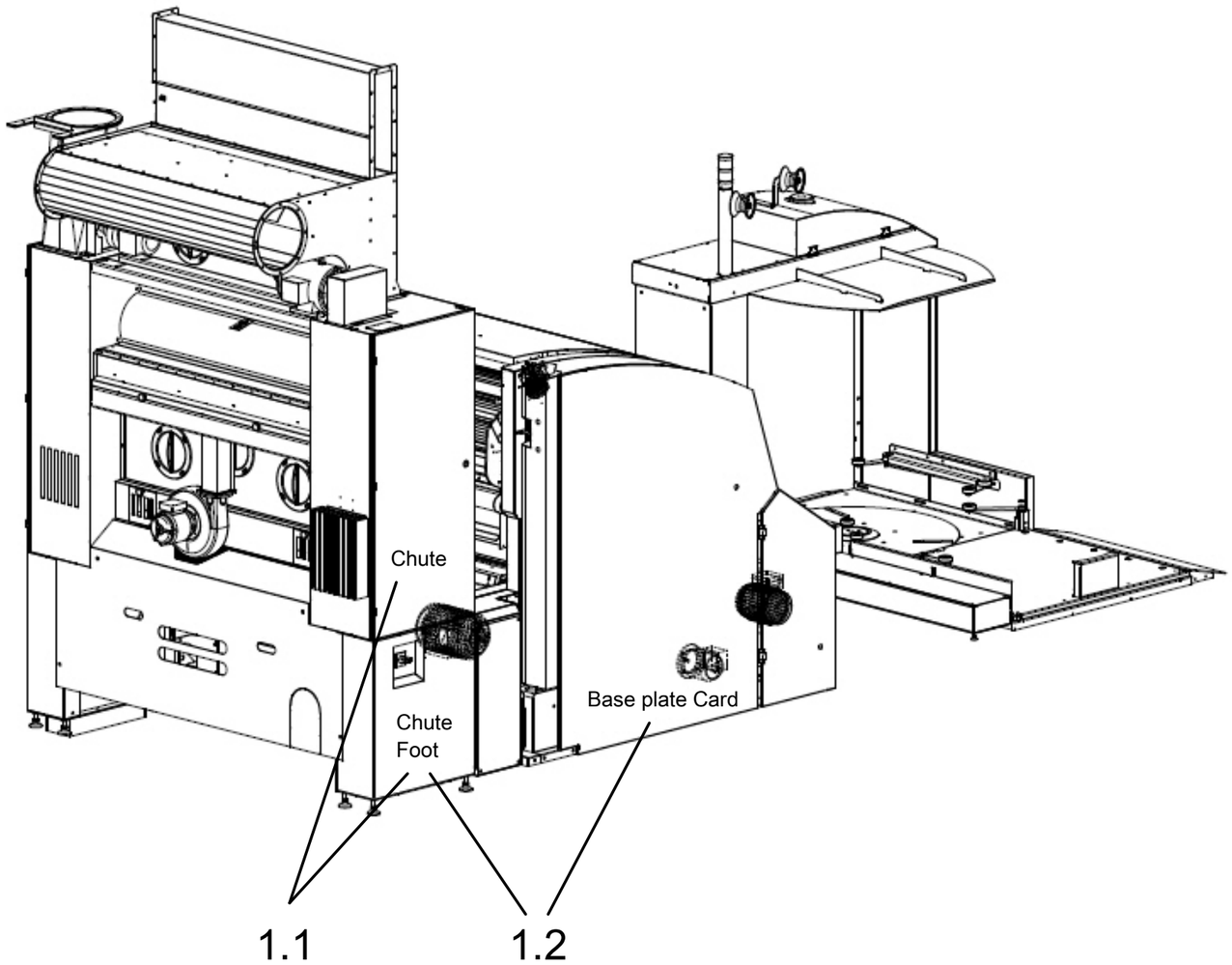

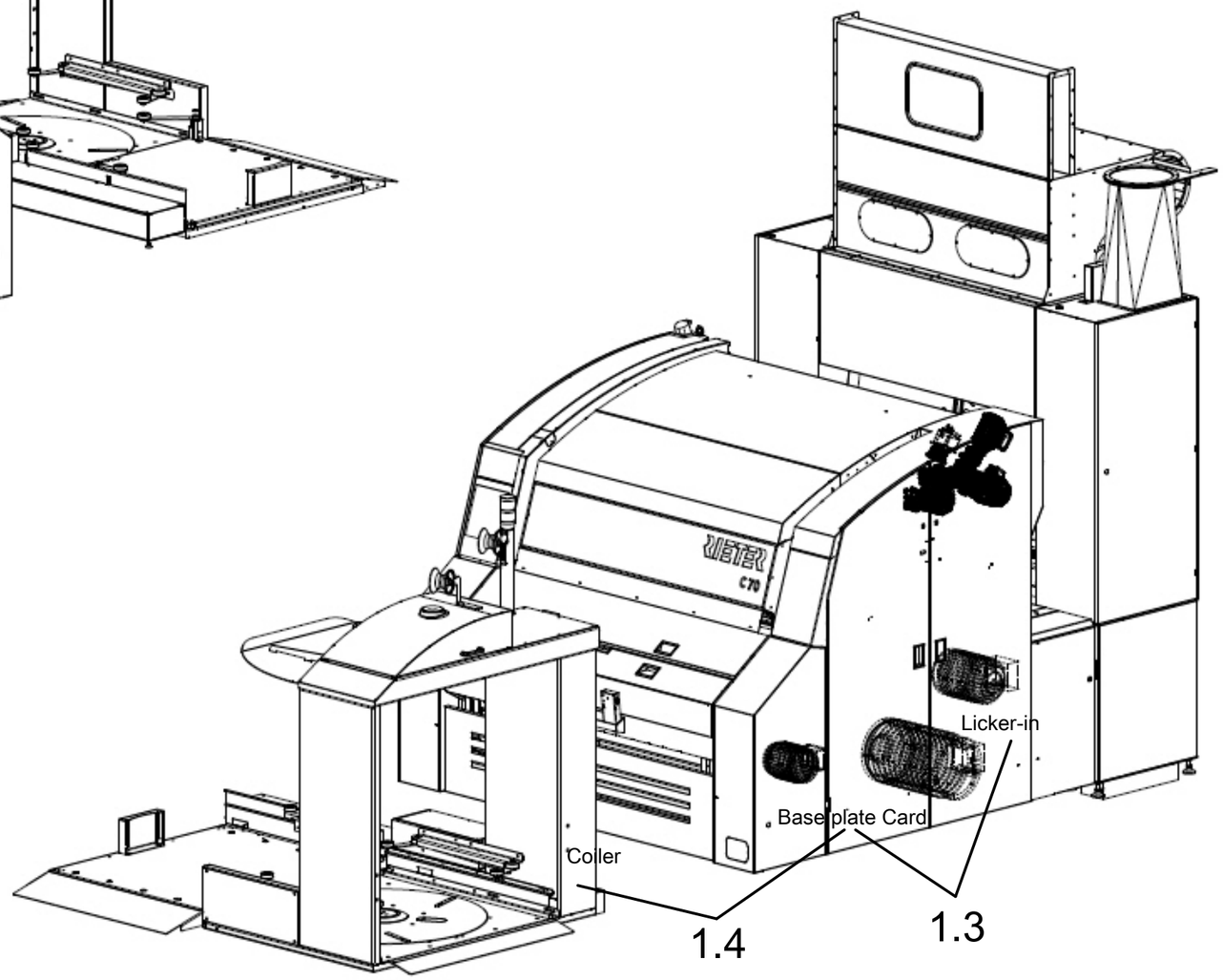

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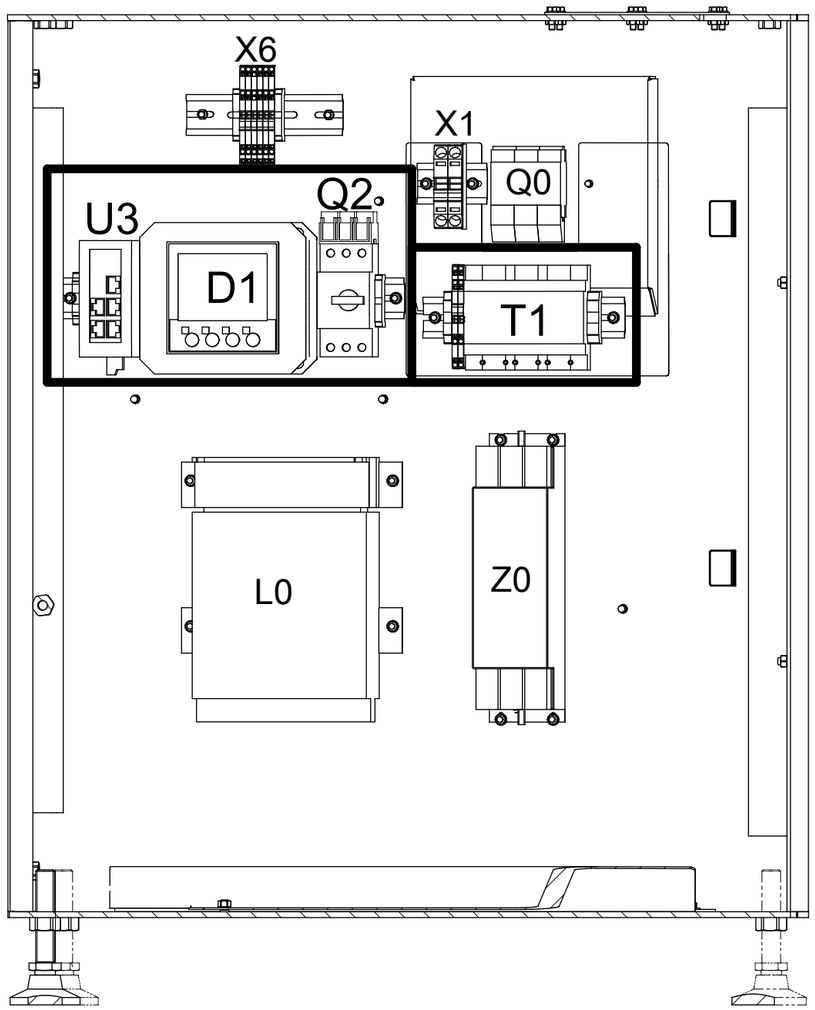
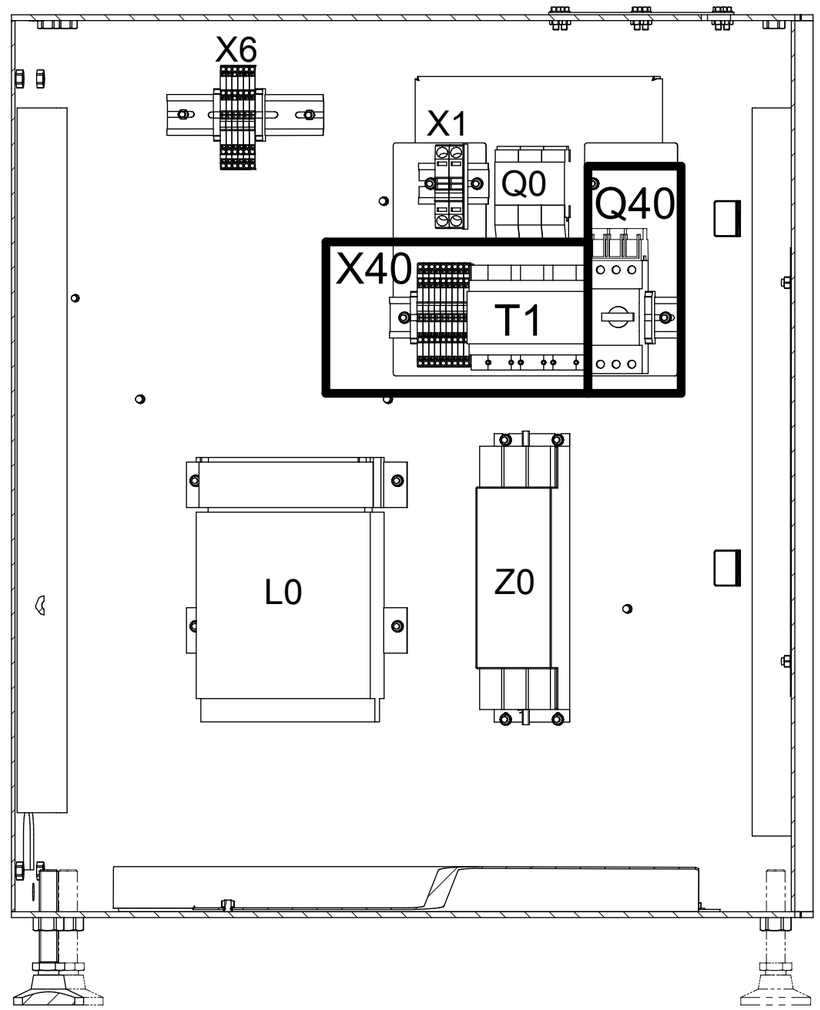
Chute base
Schacht Fuss



Option Power Monitoring
CBA / CBA 12



Option Power Monitoring
RSB

Chute base Schacht Fuss			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 10 next 12
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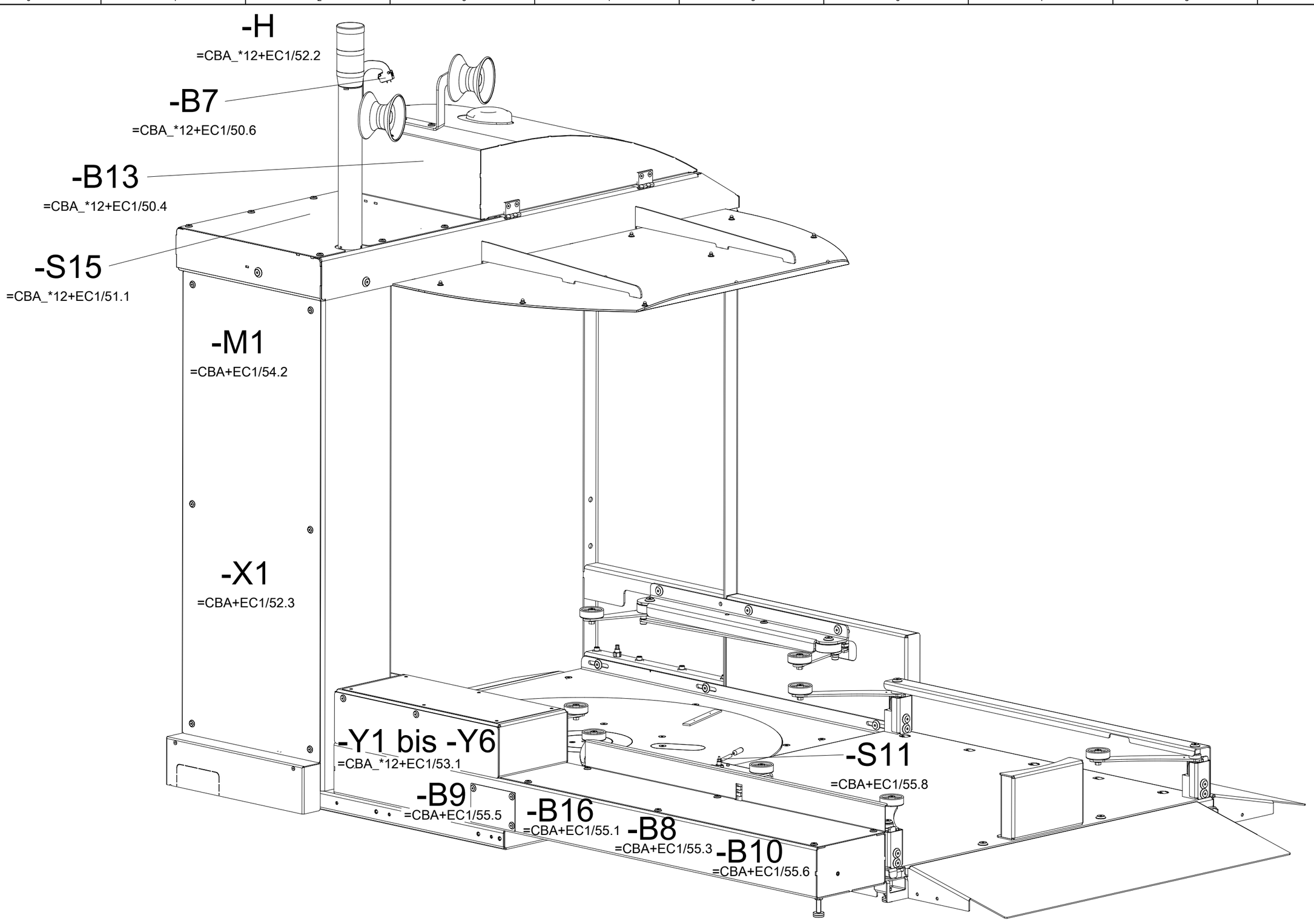

Layout drawing CBA Disposition CBA			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 11
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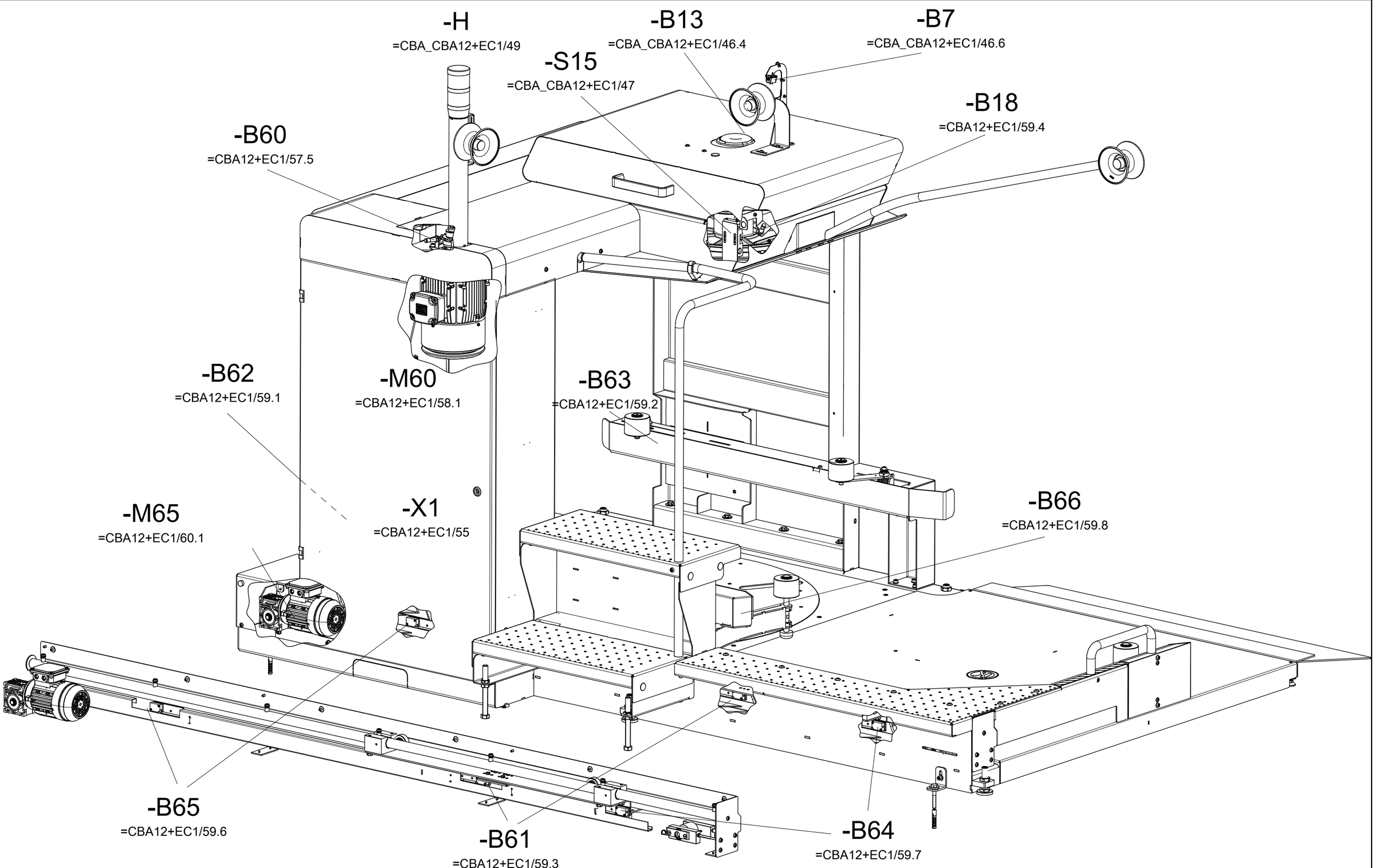

Layout. CBA. 1200 Disposition. CBA. 1200			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 12 next 14
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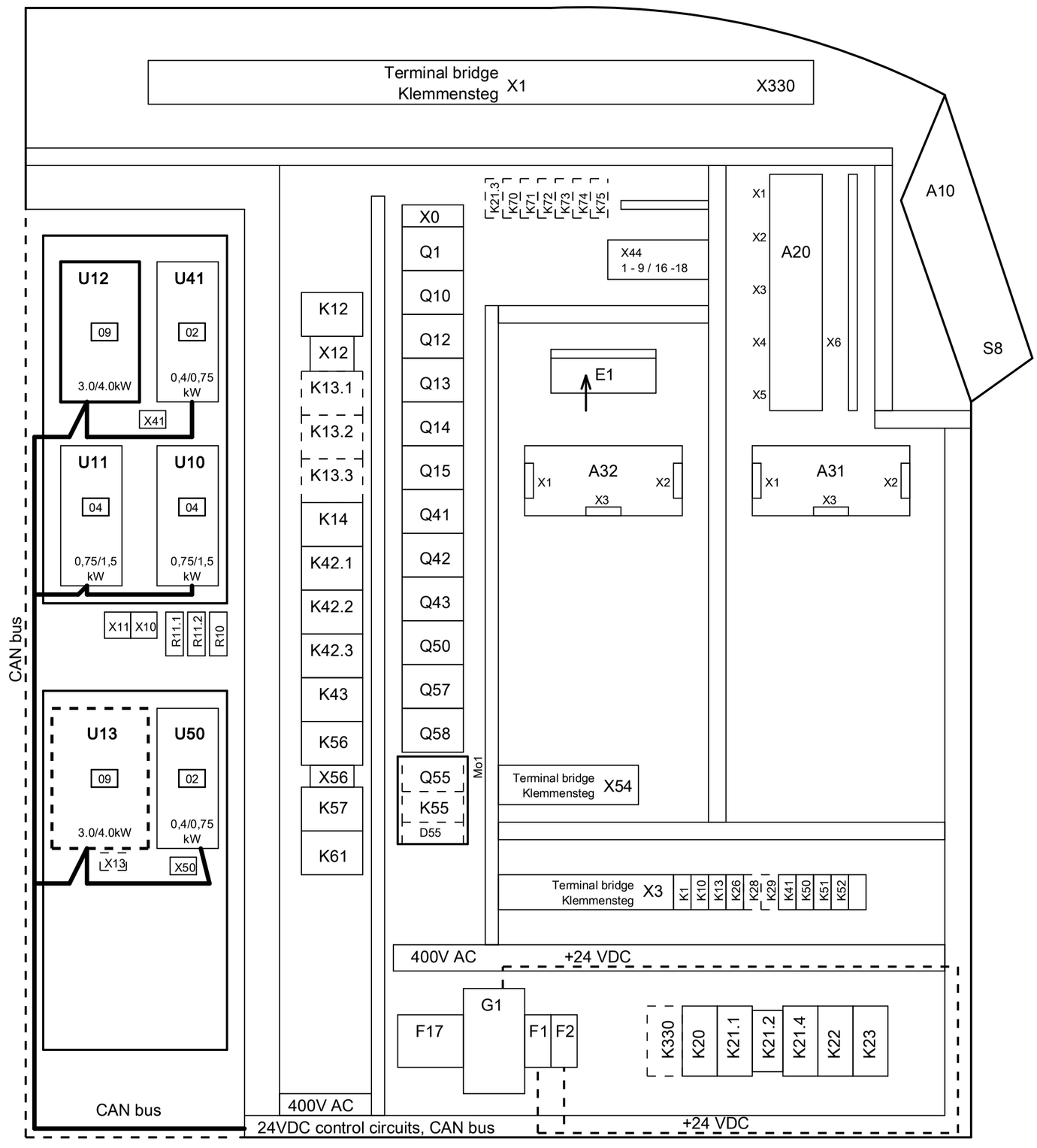
Valid for Se. No. **C75 V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

CBA-5 variant
Variante CBA-5



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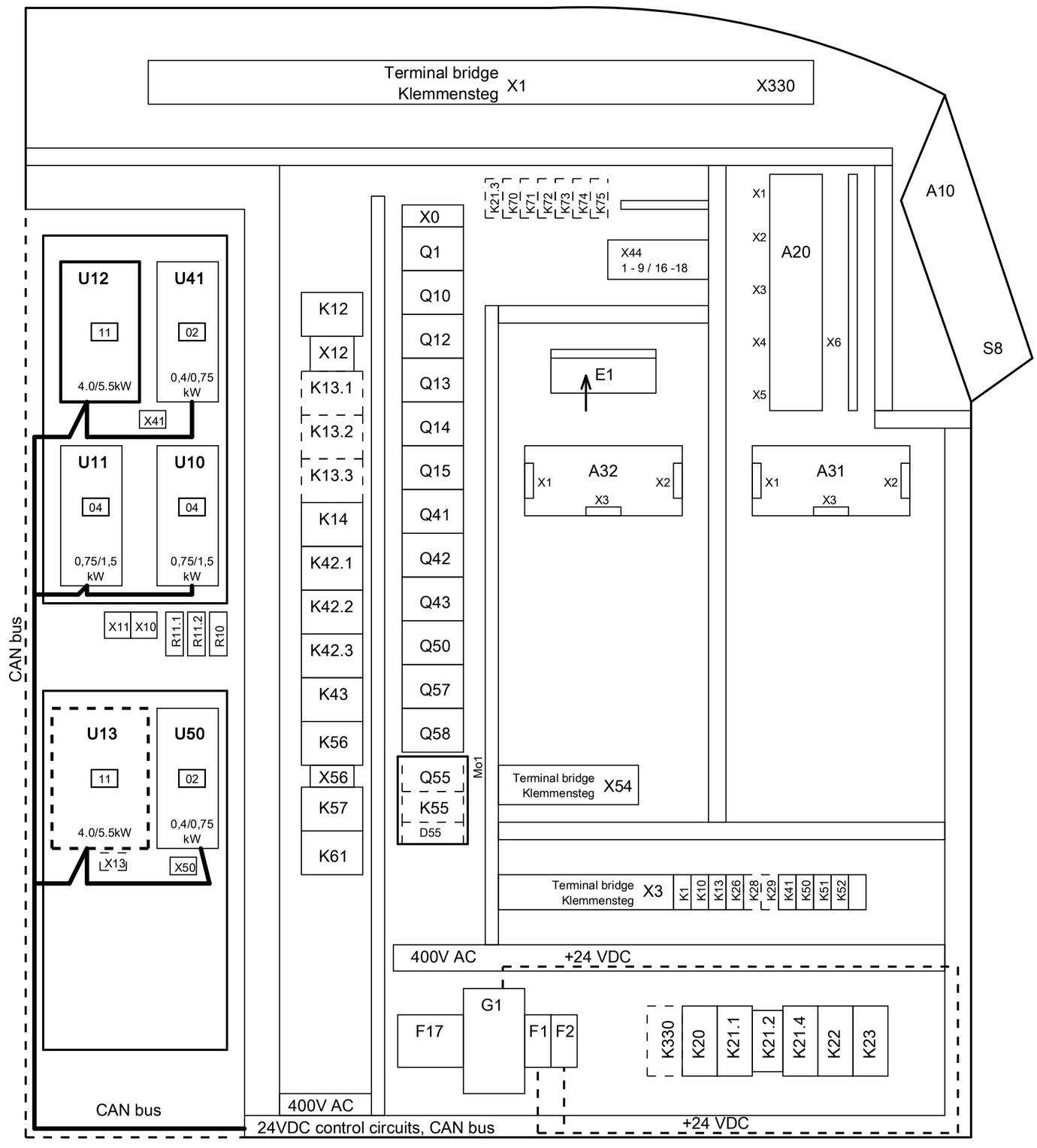
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	

Valid for Se. No. **C75 M/H V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

CBA-5 variant
Variante CBA-5



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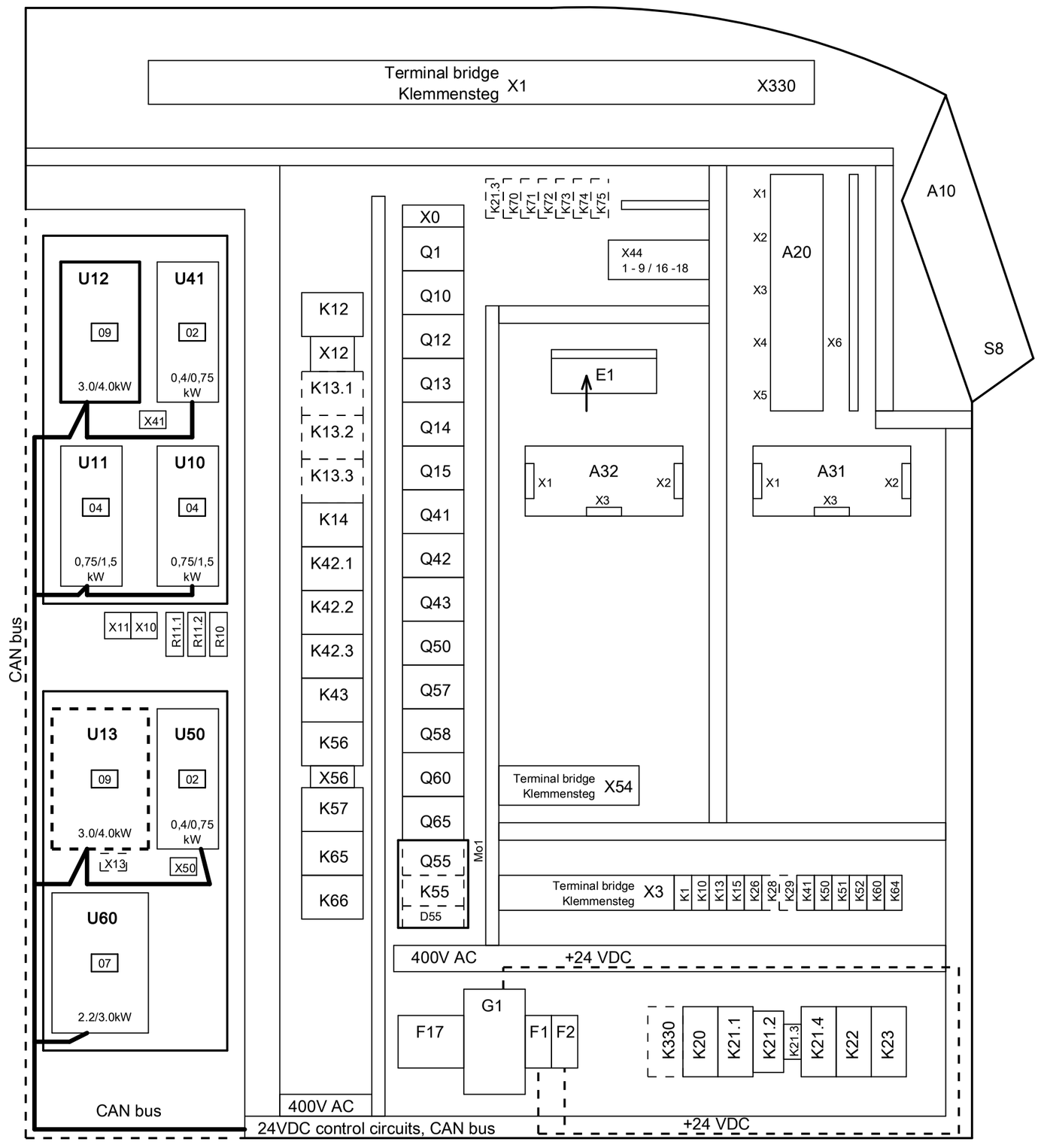
Layout drawing of control cabinet Disposition Schaltschrank	
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	

Valid for Se. No. **C75 V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

CBA-12 variant
Variante CBA-12



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Date 2021-11-15	designer L.Zhao
	approved by Y.Song

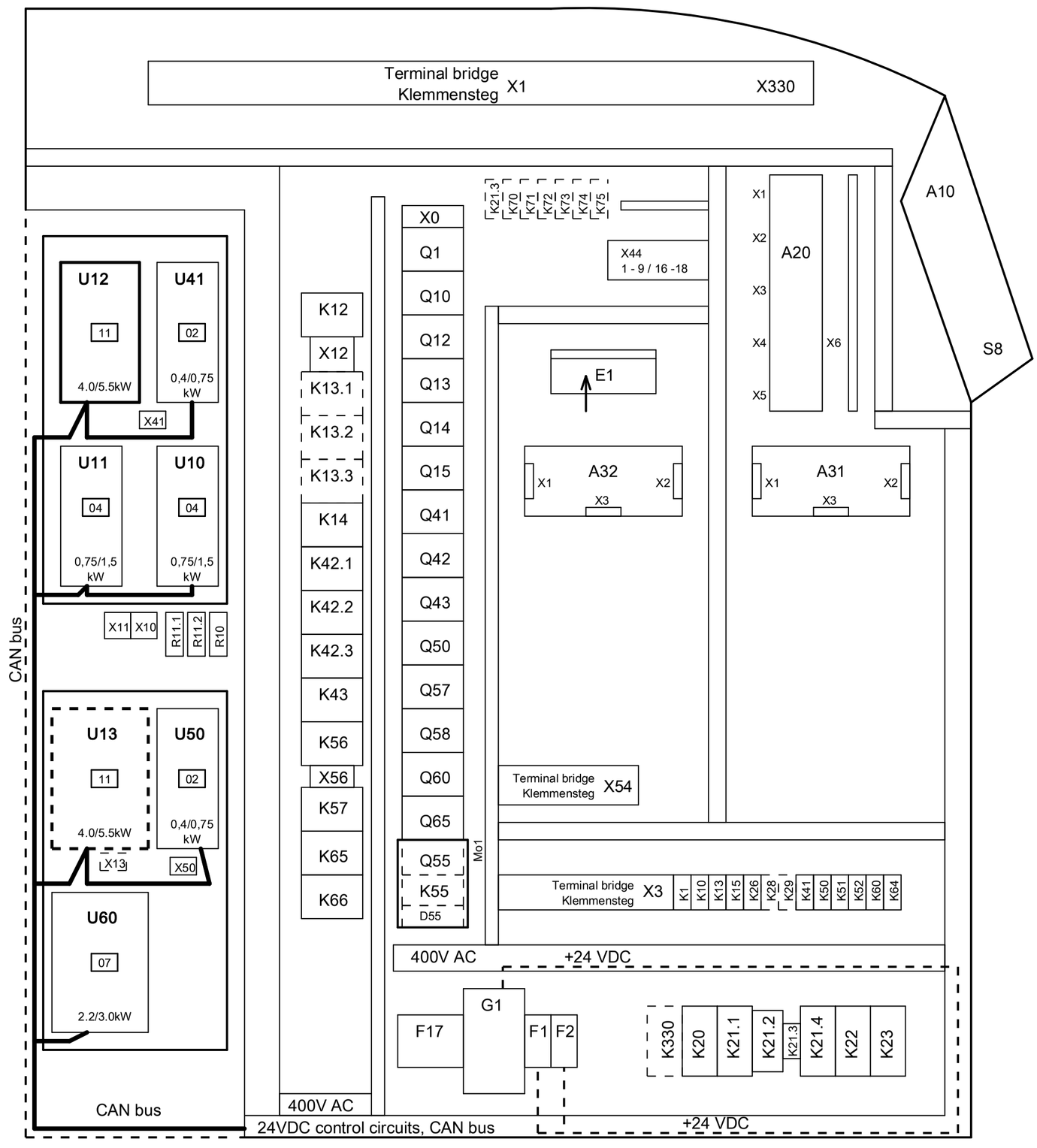
Layout drawing of control cabinet
Disposition Schaltschrank

RIETER Maschinenfabrik Rieter AG
Refer to ISO 16016

Valid for Se. No. **C75 M/H V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

CBA-12 variant
Variante CBA-12



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approved by	Y.Song

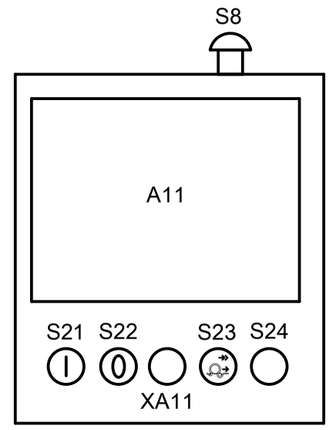
Layout drawing of control cabinet
Disposition Schaltschrank

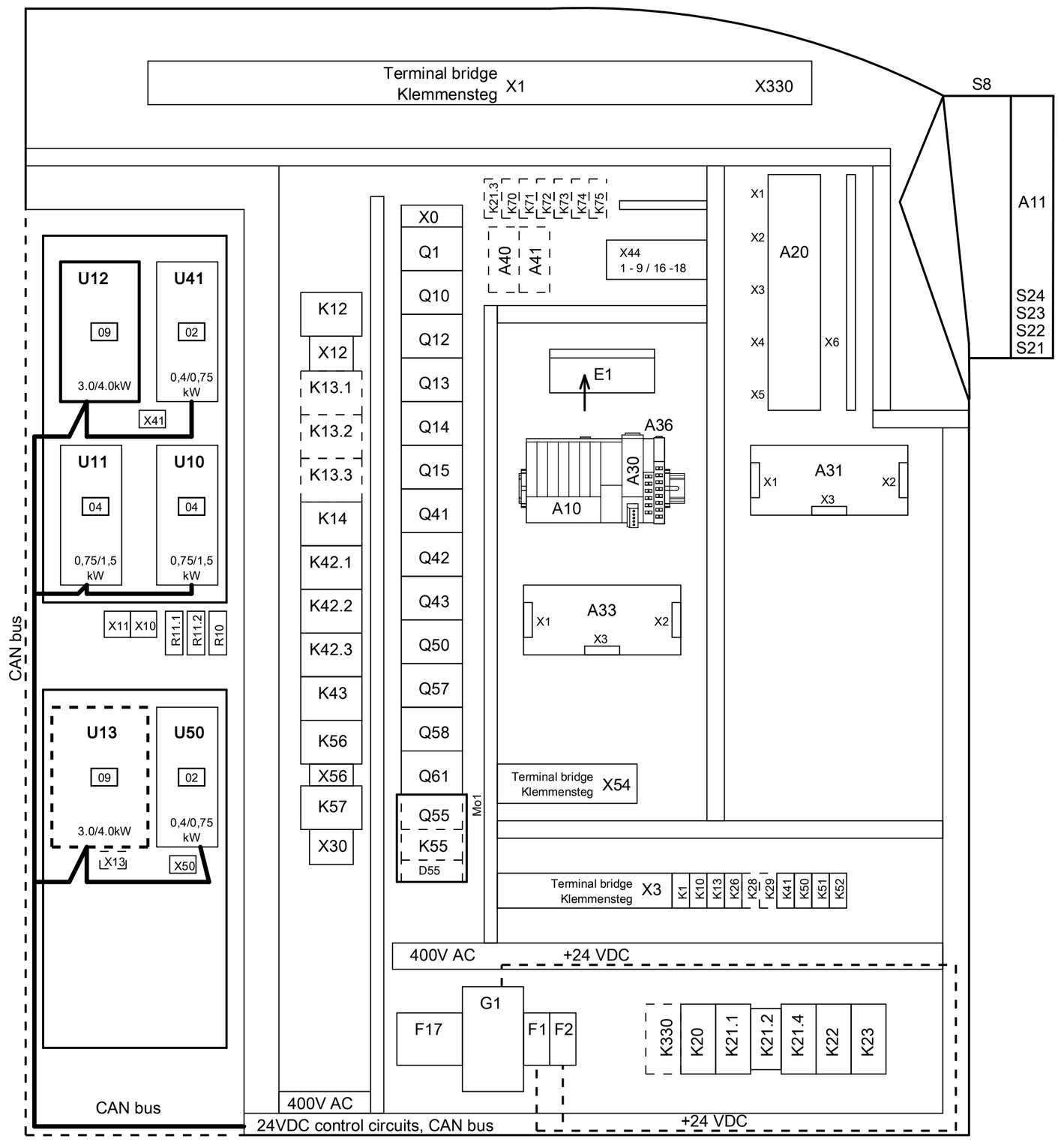
RIETER Maschinenfabrik Rieter AG
Refer to ISO 16016

Valid for Se. No. **C75 V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

RSB variant
Variante RSB





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Language en/de
Version 06

Schema card C75 V1 en/de
Schema Karde C75 V1 en/de

ZNG **11118152**

designer L.Zhao
approved by Y.Song

Date 2021-11-15

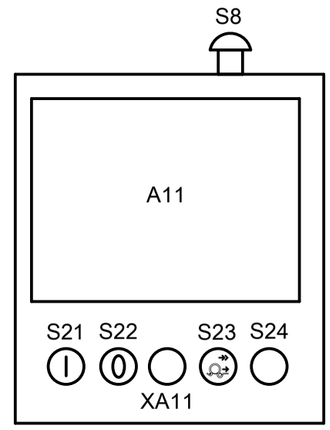
Layout drawing of control cabinet
Disposition Schaltschrank

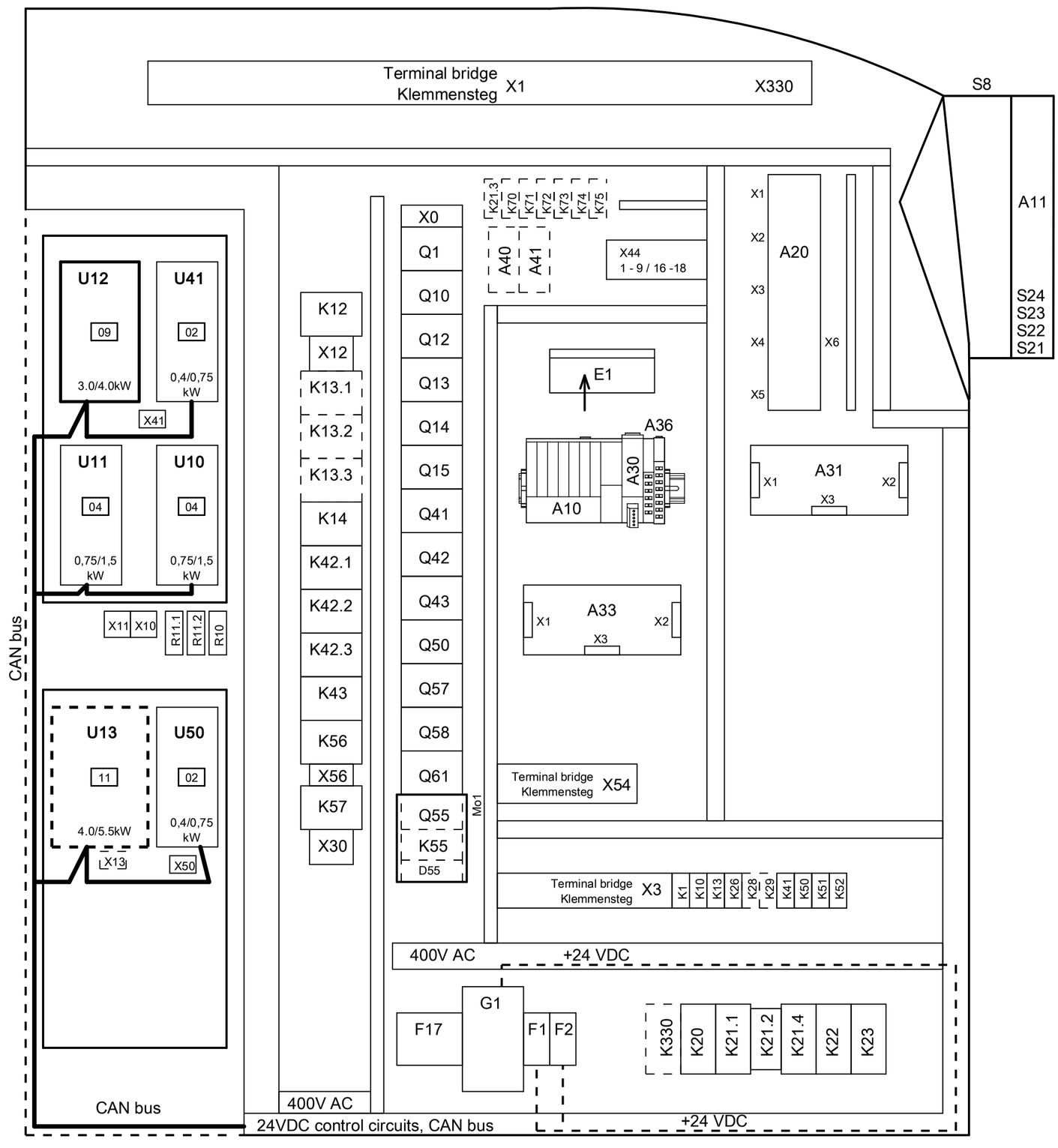
RIETER Maschinenfabrik Rieter AG
Refer to ISO 16016

Valid for Se. No. **C75 M/H V1**
Gueltig fuer Serie

Licker-in, standard/with Varioset
Vorreisser Standard/Varioset

RSB variant
Variante RSB





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Schema card C75 V1 en/de
Schema Karde C75 V1 en/de

ZNG **11118152**

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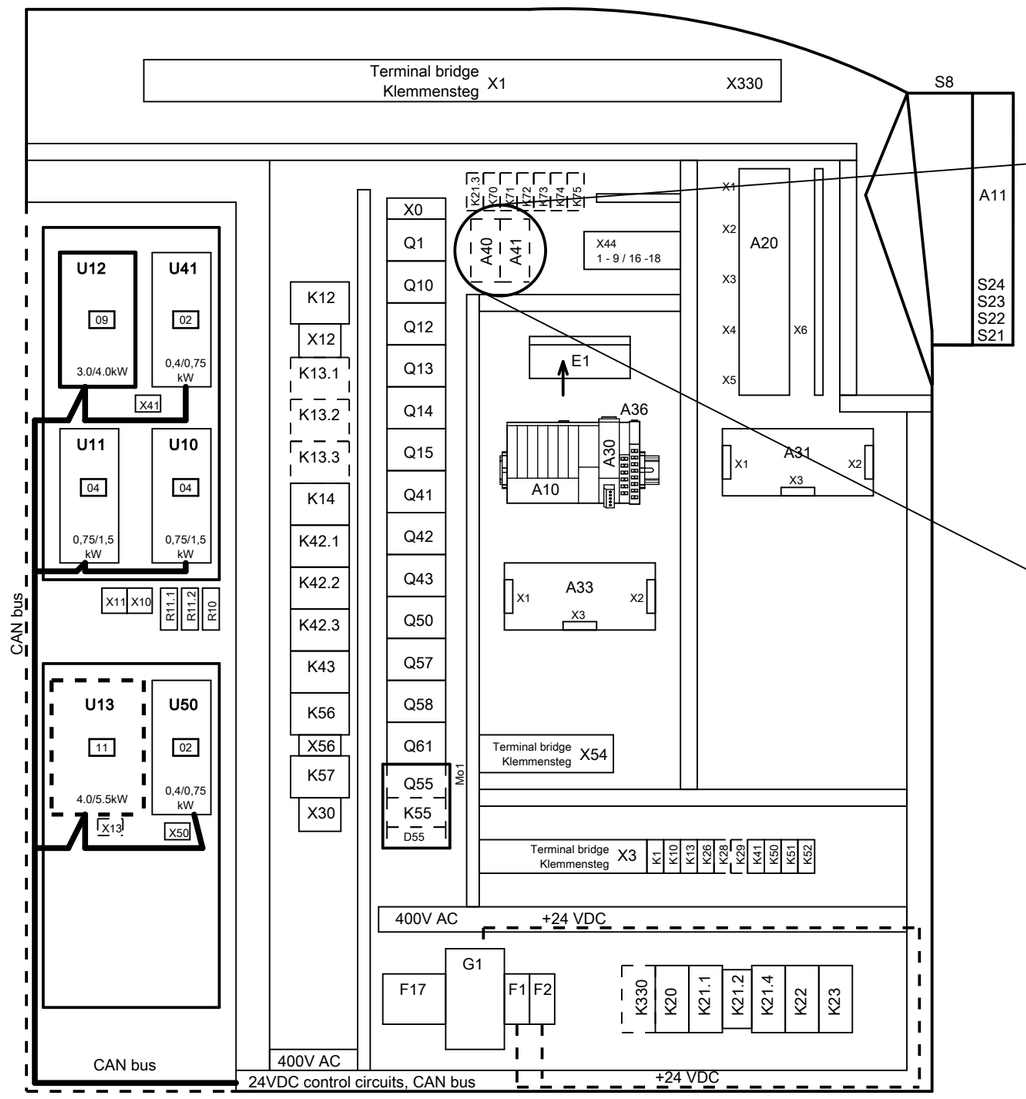
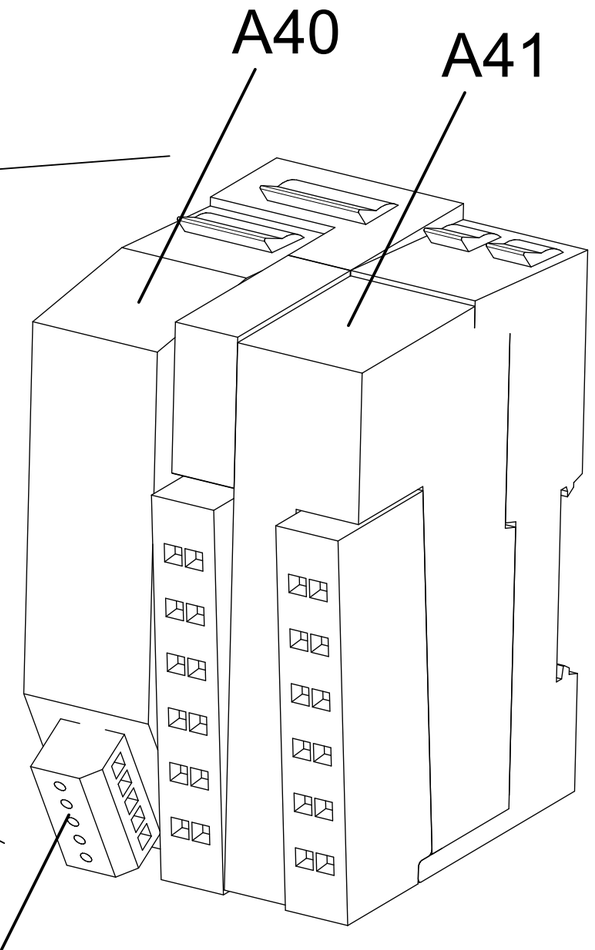
designer L.Zhao
approved by Y.Song

Layout drawing of control cabinet
Disposition Schaltschrank

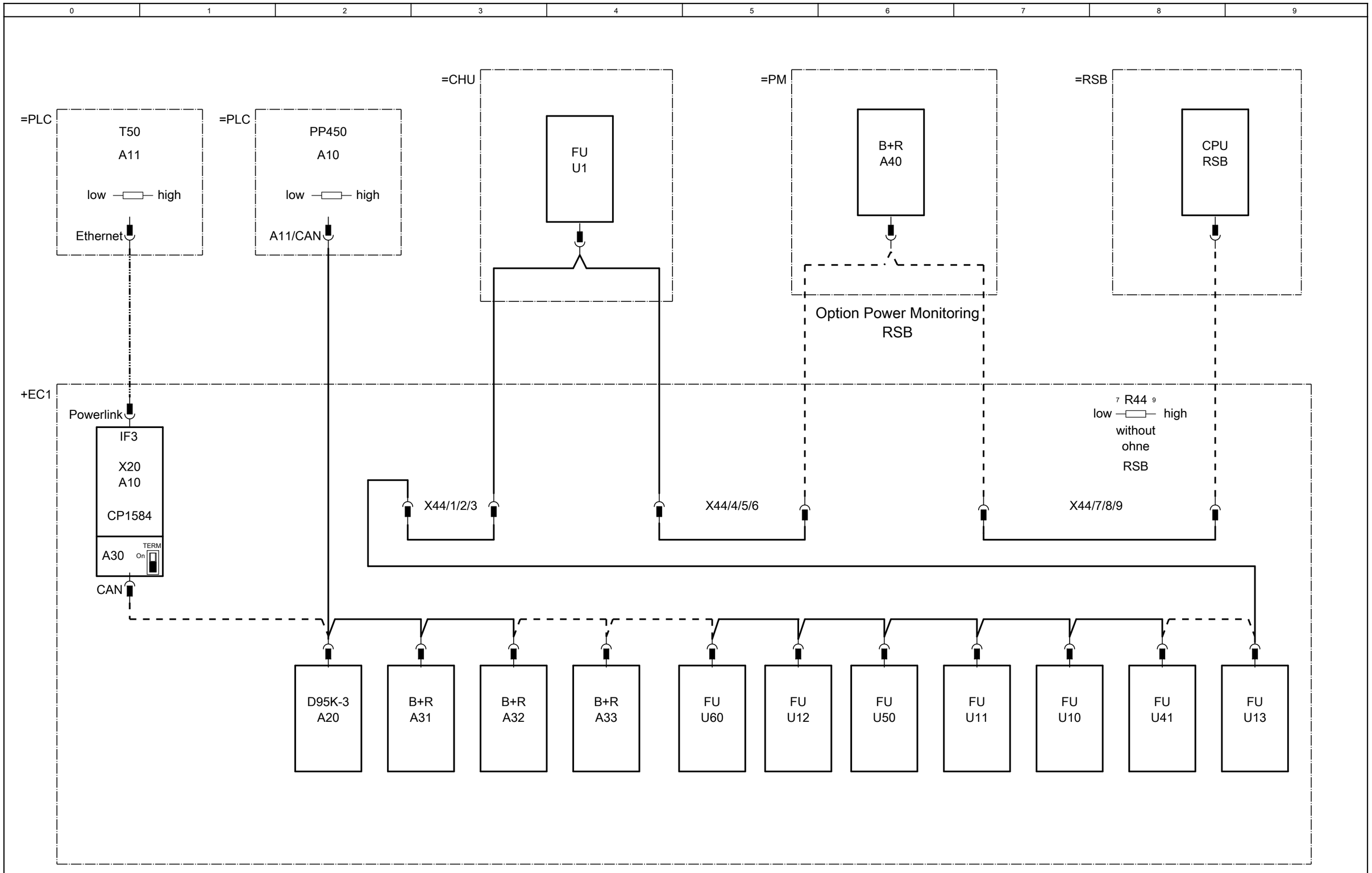
RIETER Maschinenfabrik Rieter AG
Refer to ISO 16016

Option Power Monitoring
RSB



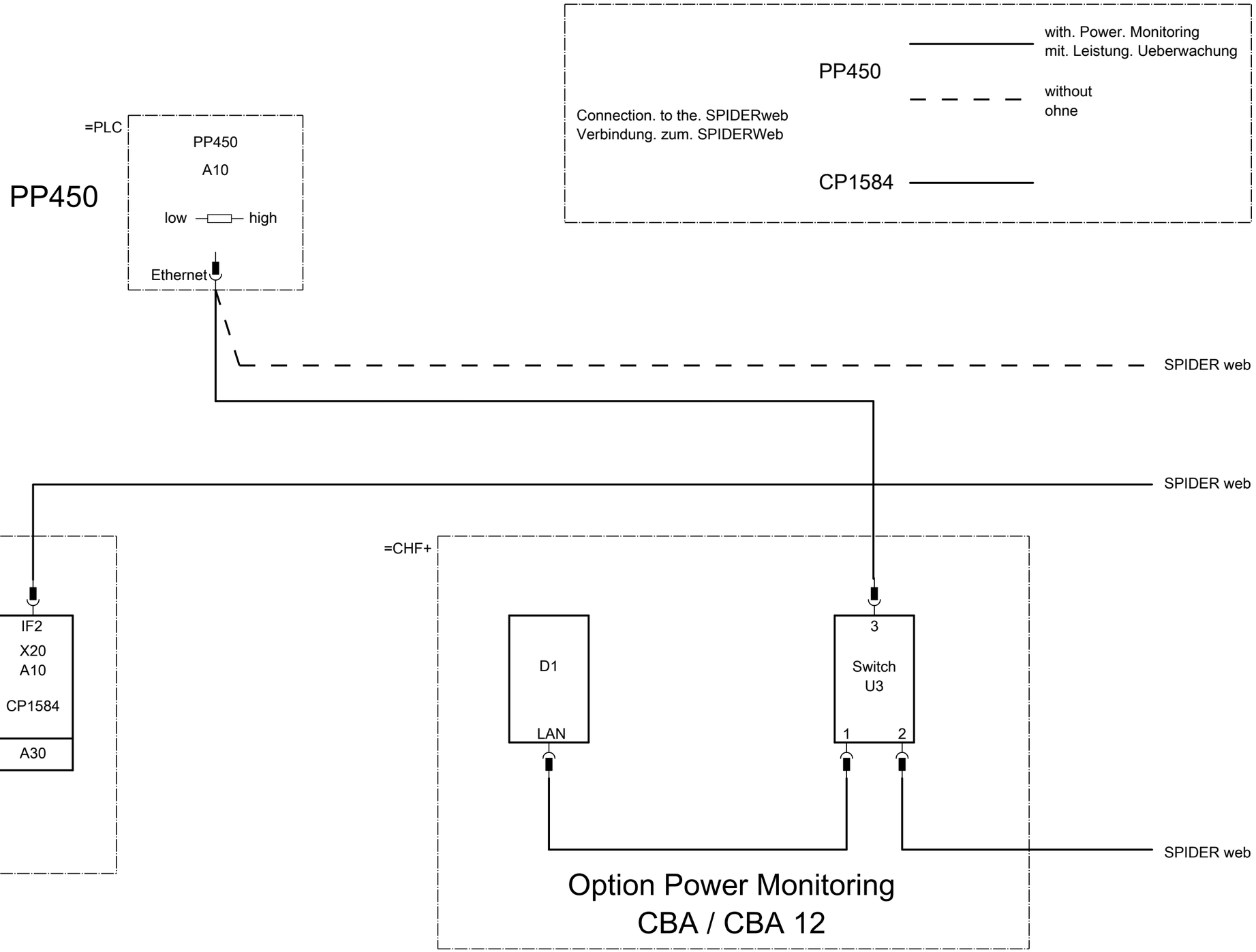


Option Power Monitoring RBS			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 19
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next 21 Page 20 / 175



CAN bus CAN Bus			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 20
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next 22 Page 21 / 175

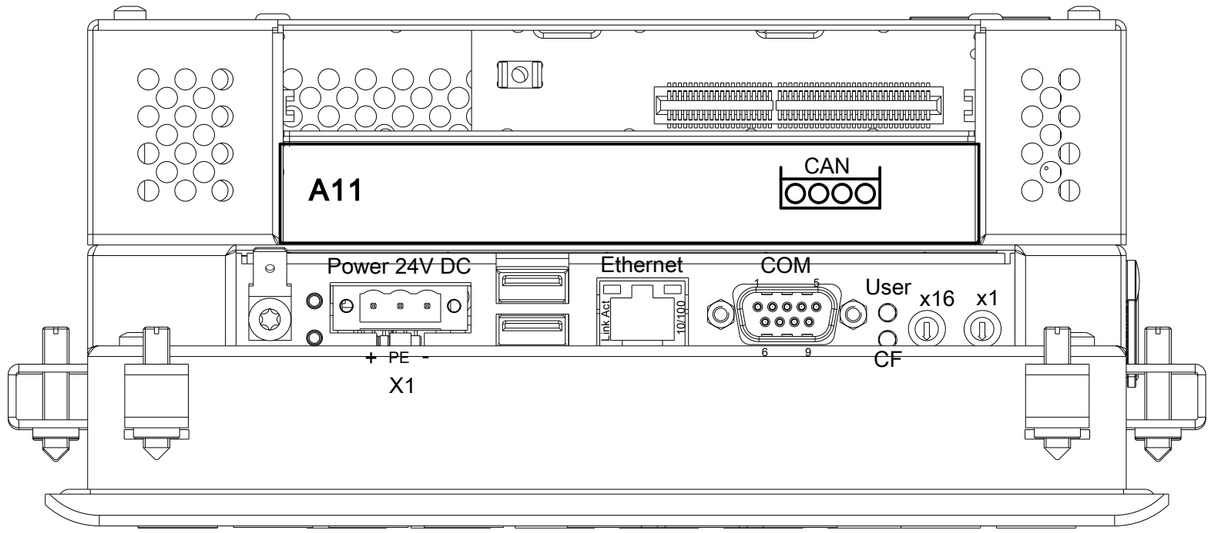
Ethernet

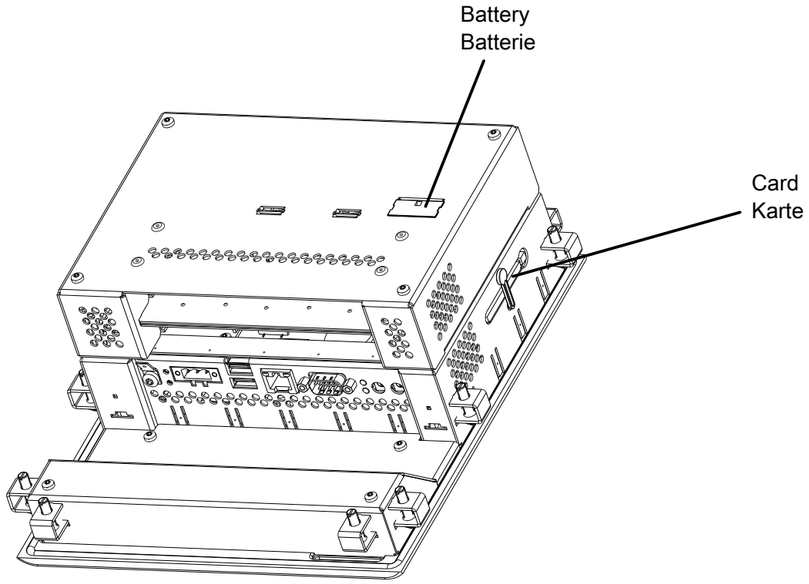


Ethernet Ethernet			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before	21
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next Page	23 22 / 175

0	1	2	3	4	5	6	7	8	9

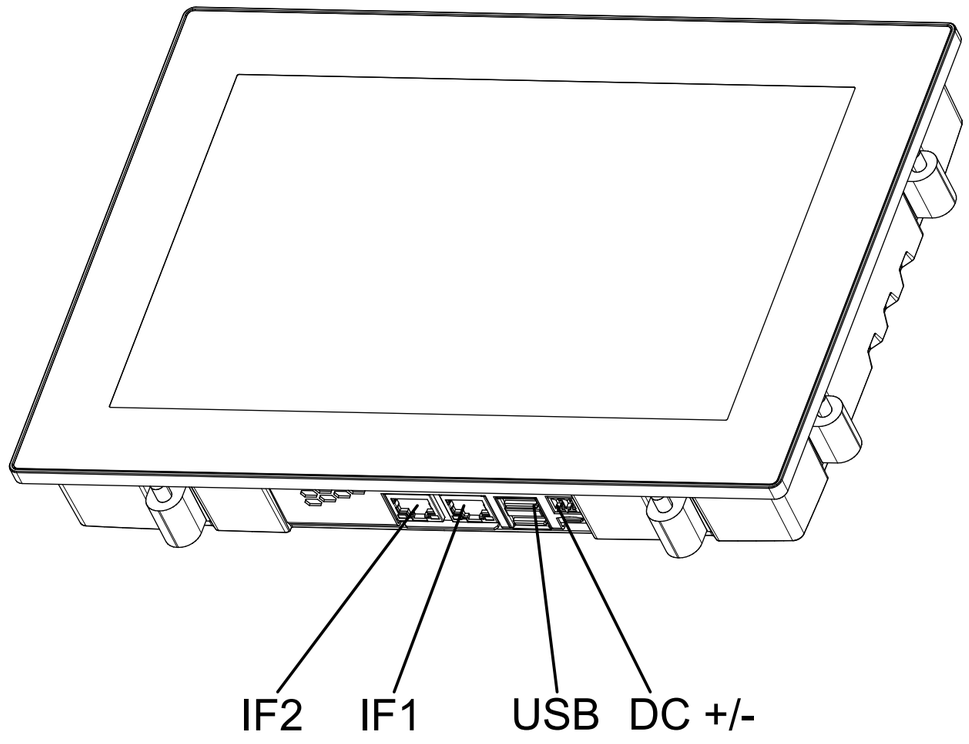
A10



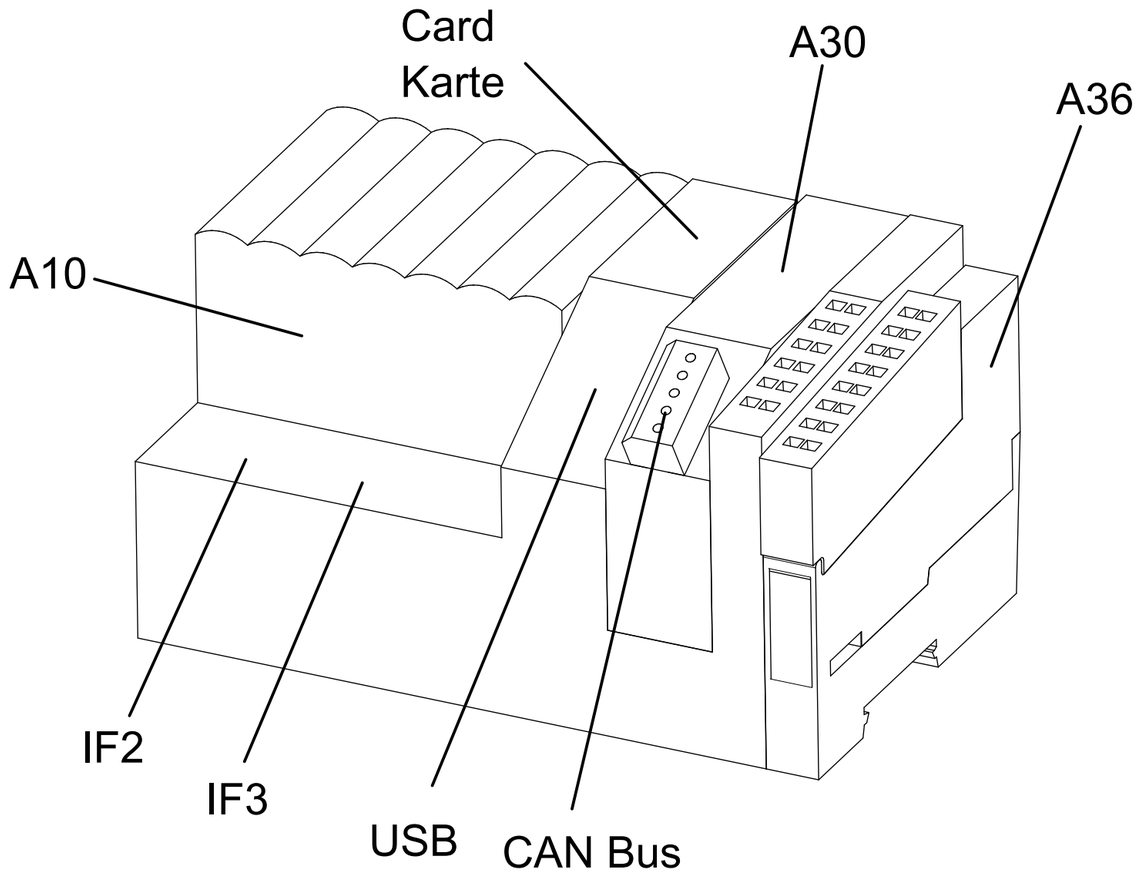


Overview, operation Uebersicht Bedienung			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 22
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next 24 Page 23 / 175

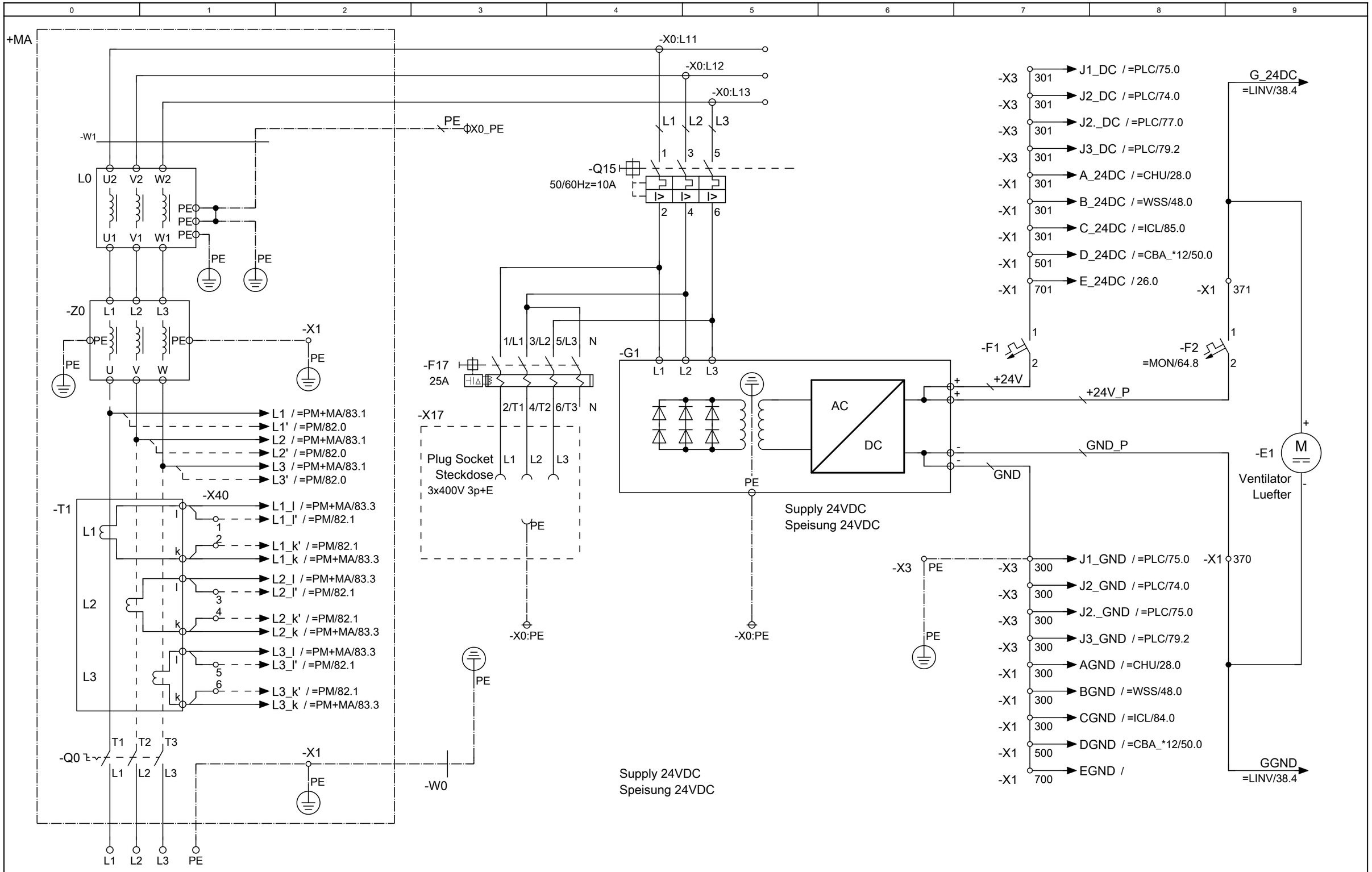
A11



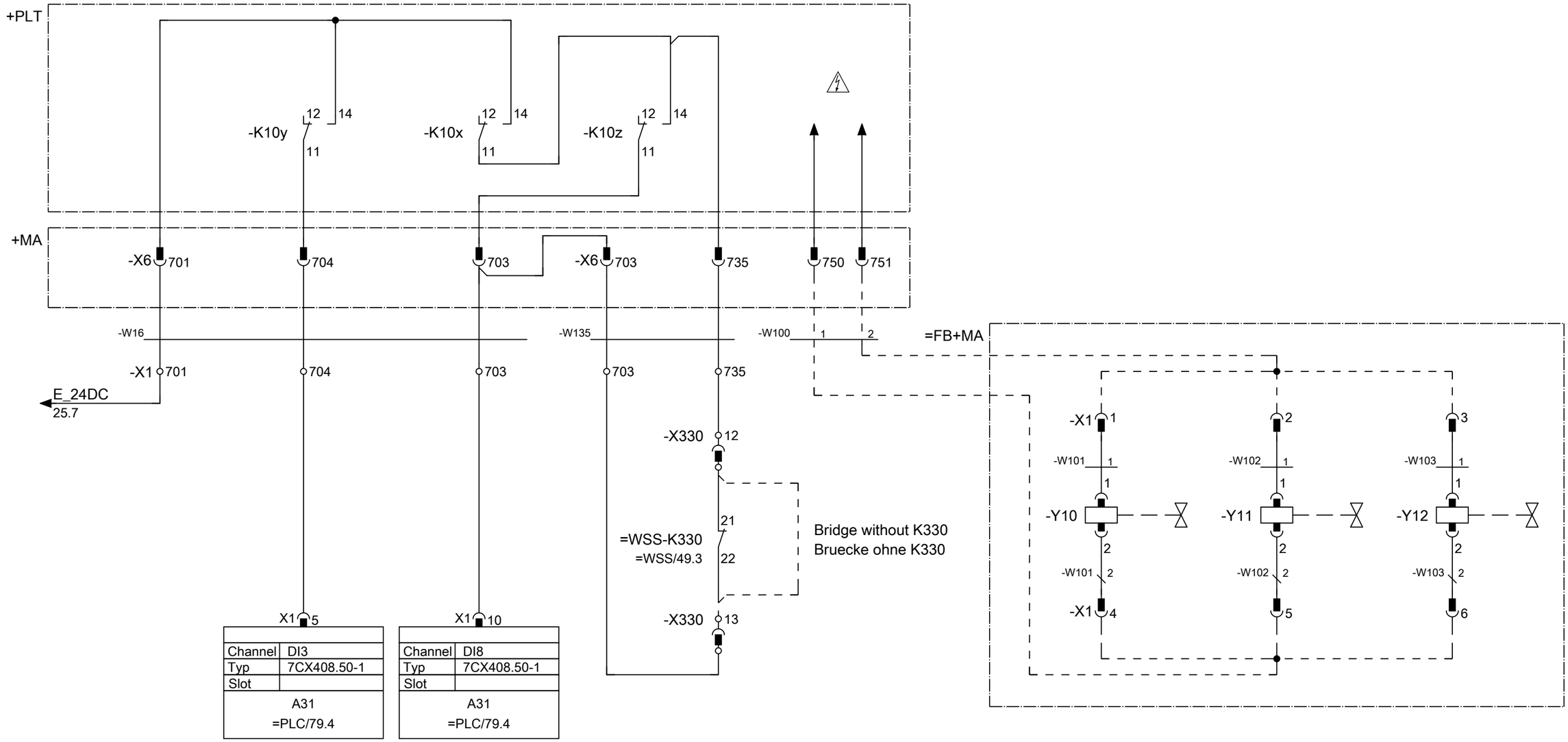
CPU



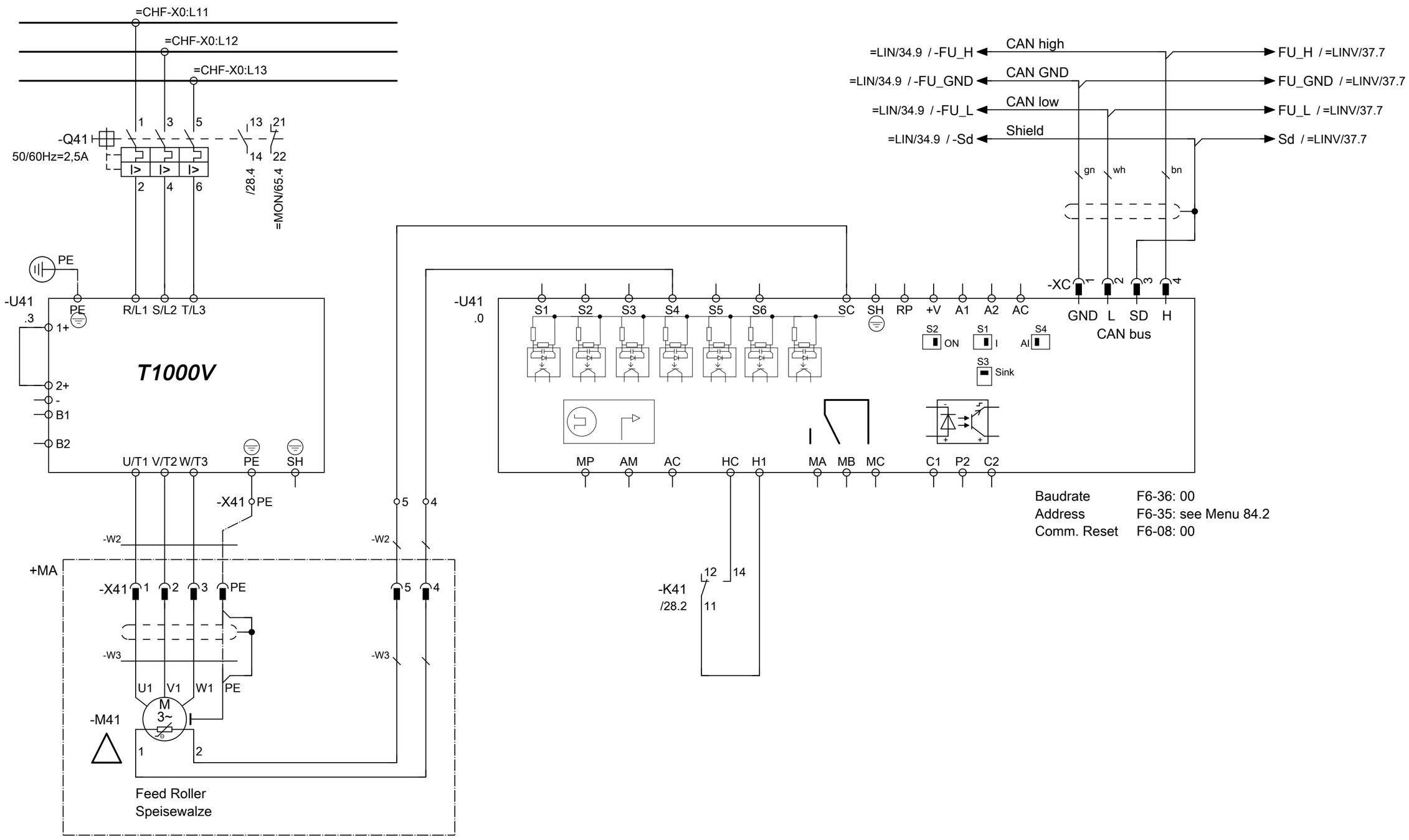
Overview, operation Uebersicht Bedienung			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			=	before 23
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ LAY	next =CHF+EC1/25 Page 24 / 175



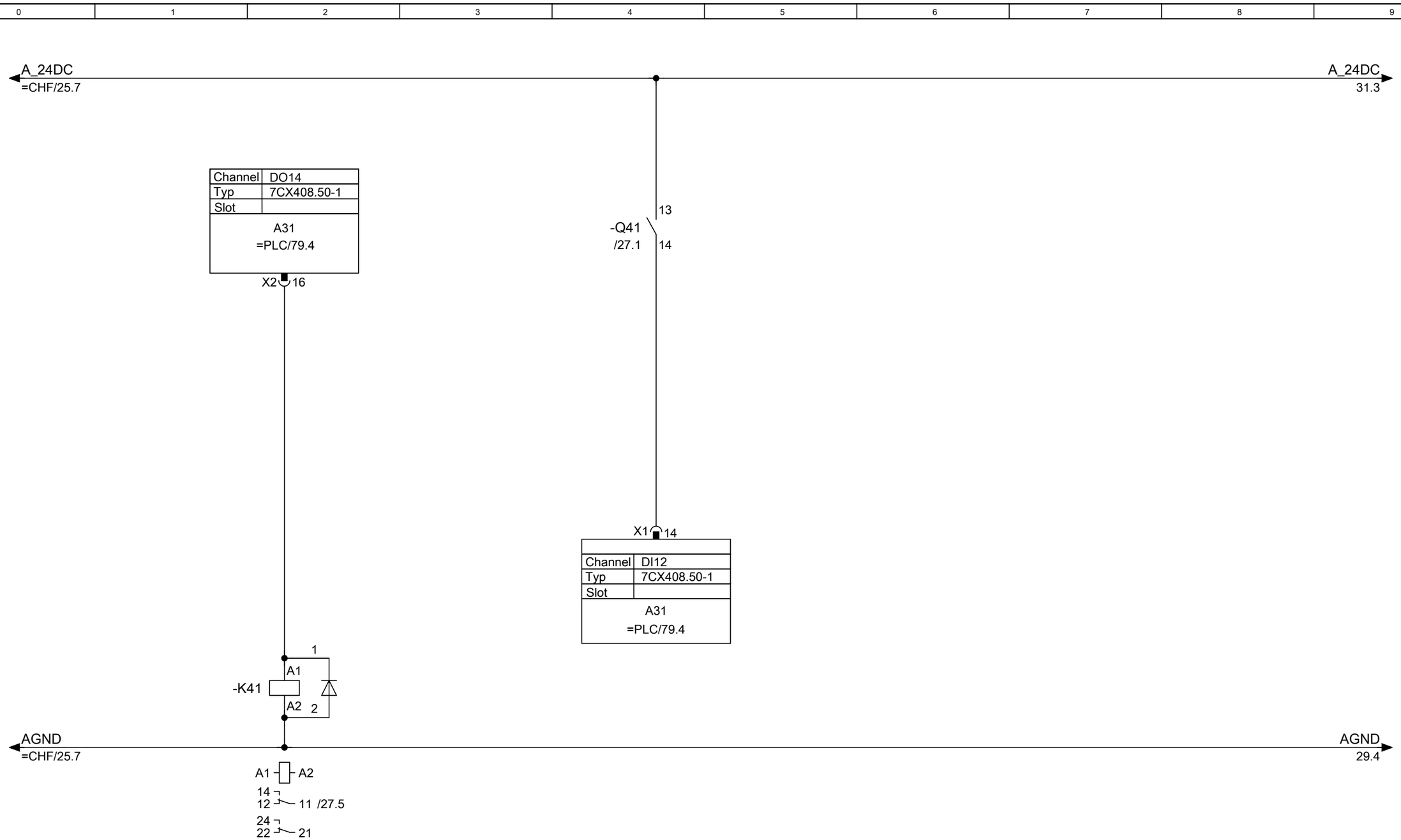
Main connection Hauptanschluss			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CHF**	before	=+LAY/24
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	26
							Page	25 / 175



Anlage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CHF	before	25
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next	=CHU/27
							Page	26 / 175



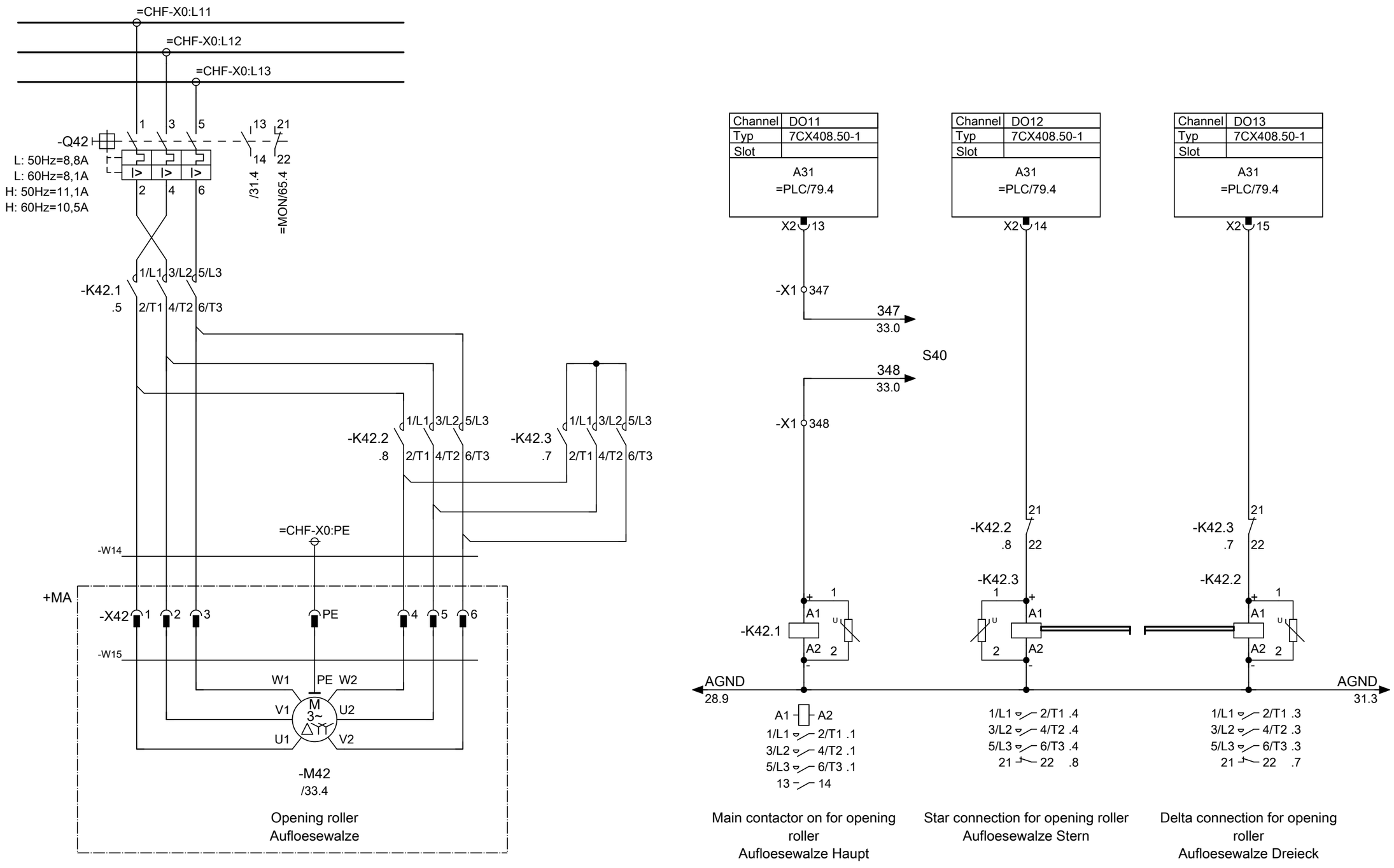
Feed Roller Speisewalze			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CHU**	before	=CHF/26
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	28
							Page	27 / 175



Enabling of feed roller
Freigabe Speisewalze

Motor protection switch for chute
Motorschutzschalter Schacht

Feed Roller Speisewalze			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CHU	before 27
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 29 Page 28 / 175

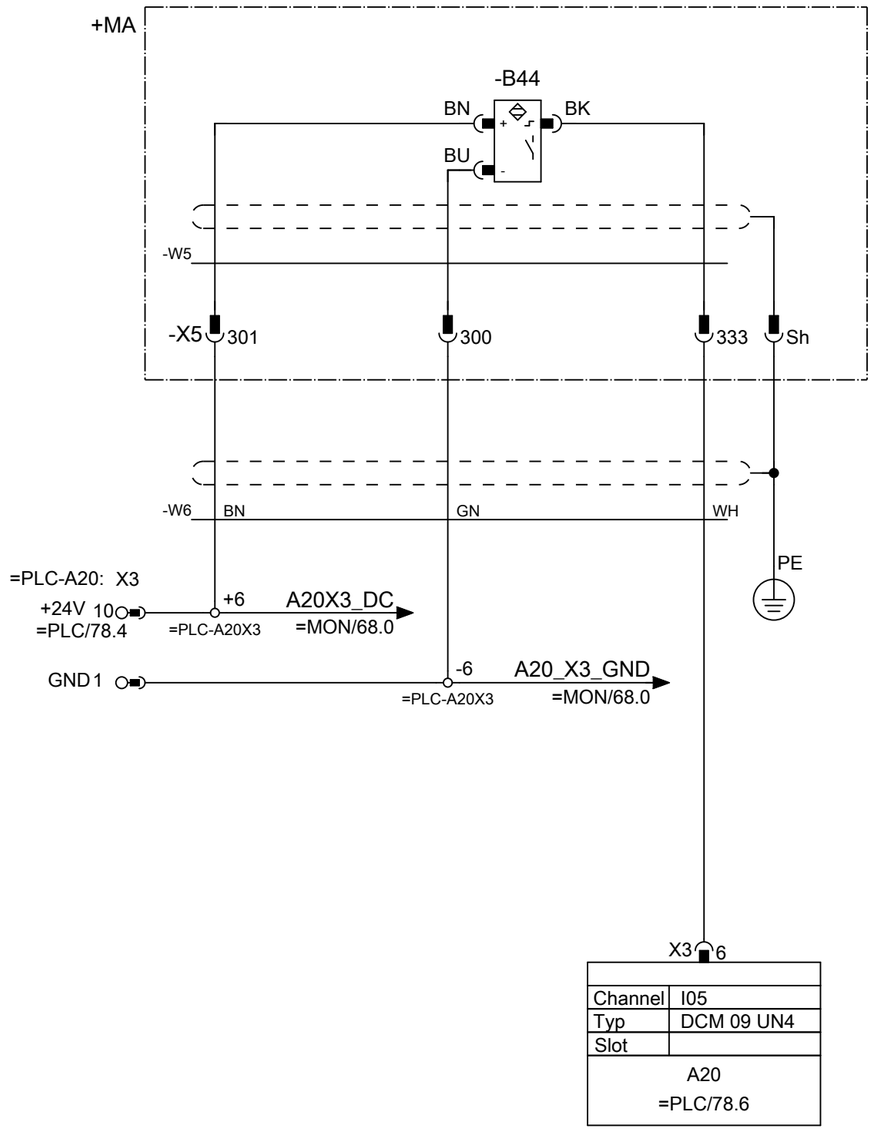


Main contactor on for opening roller
Aufloesewalze Haupt

Star connection for opening roller
Aufloesewalze Stern

Delta connection for opening roller
Aufloesewalze Dreieck

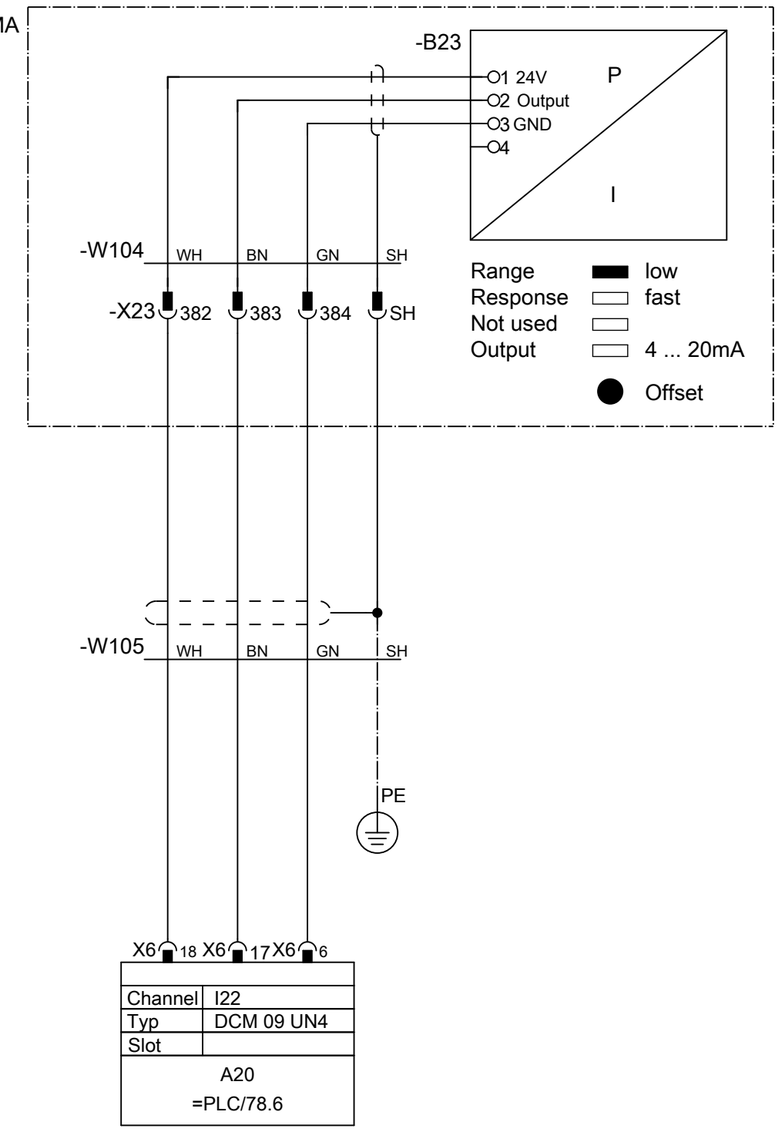
Opening roller Aufloesewalze			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CHU	before 28
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 30 Page 29 / 175



Opening roller speed
Drehzahl Aufloesewalze

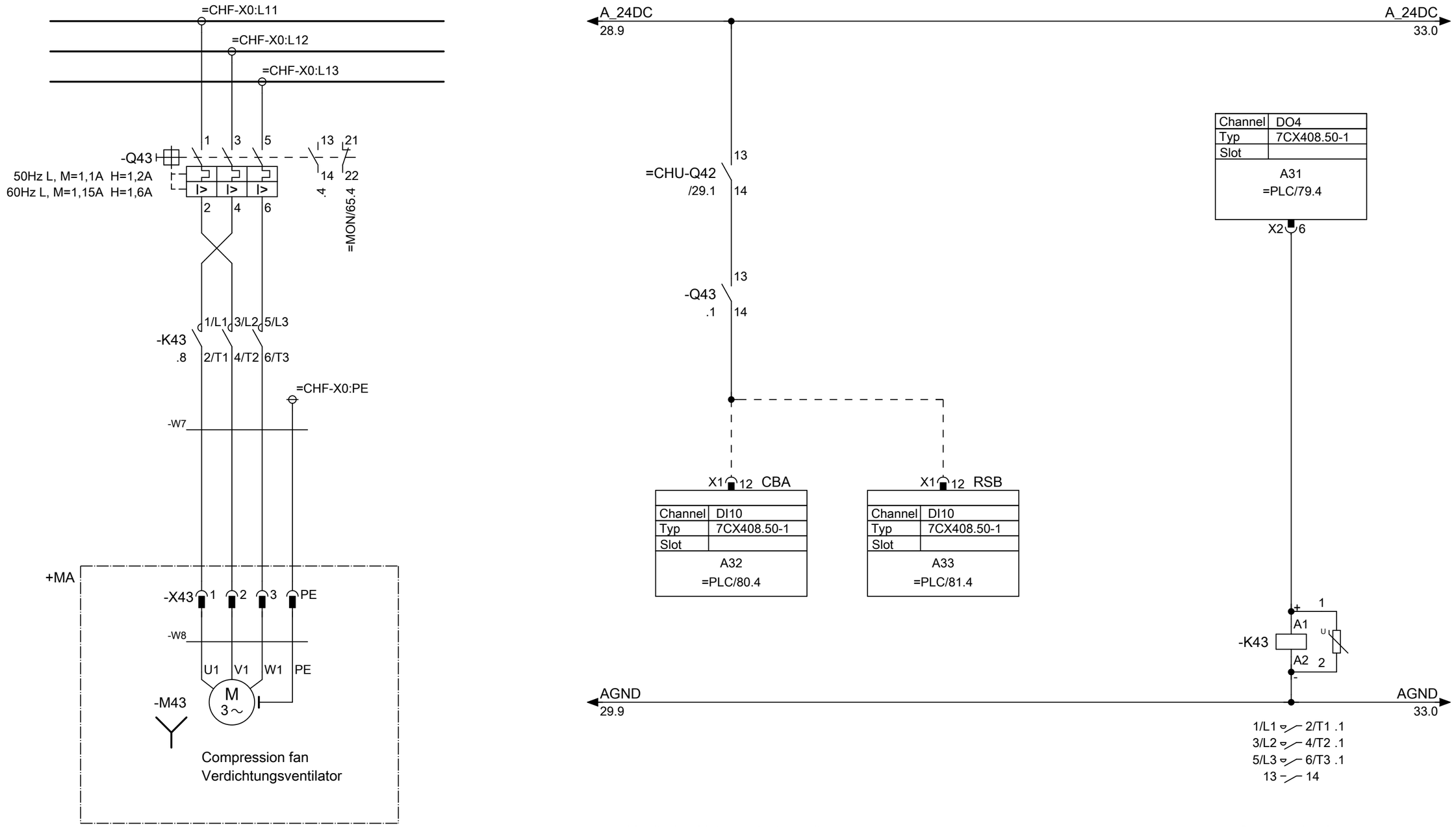
A20-X3

Maximum of 1 wires
Maximal 1 Ader

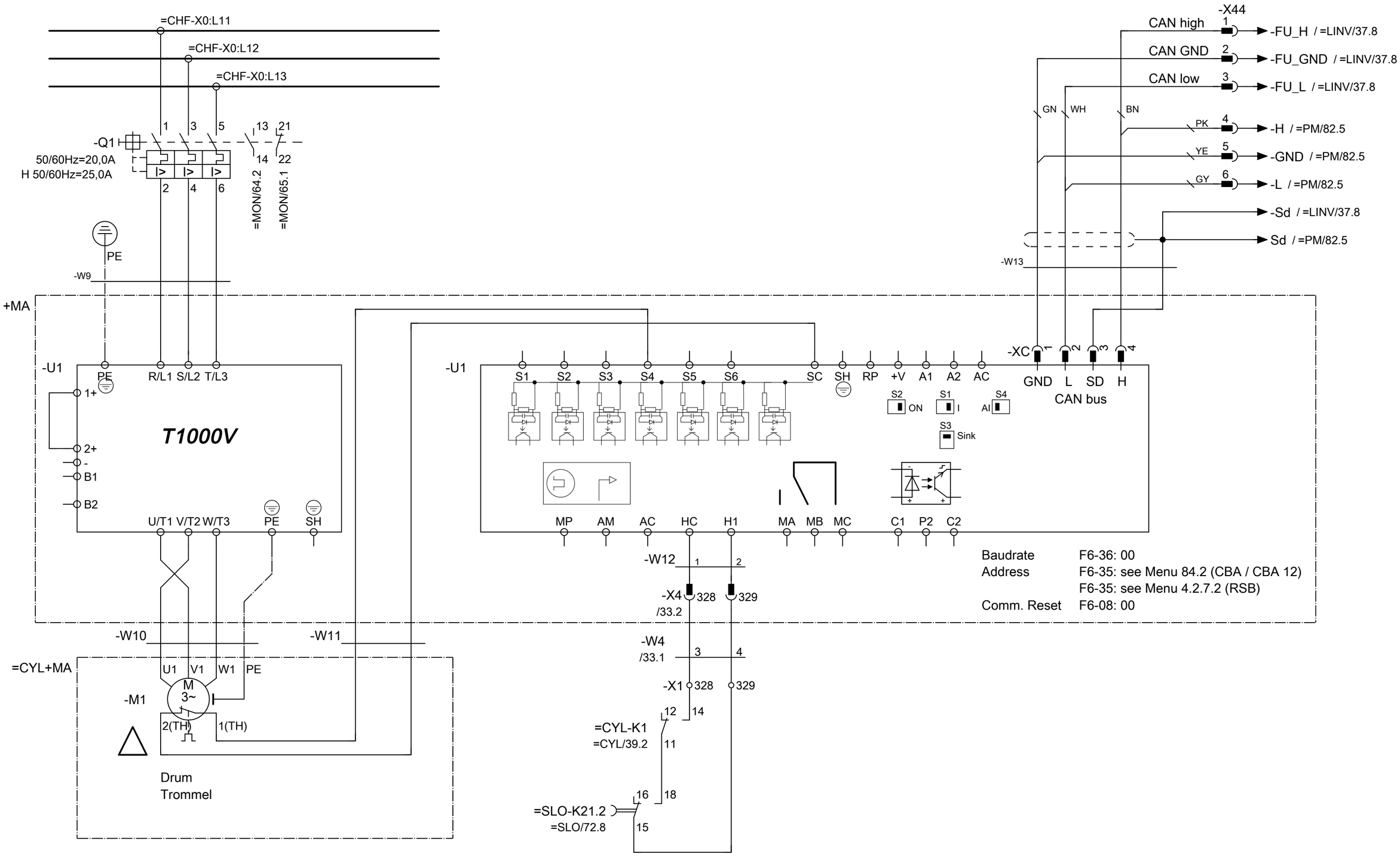


Pressure Scaling
Druckreglung

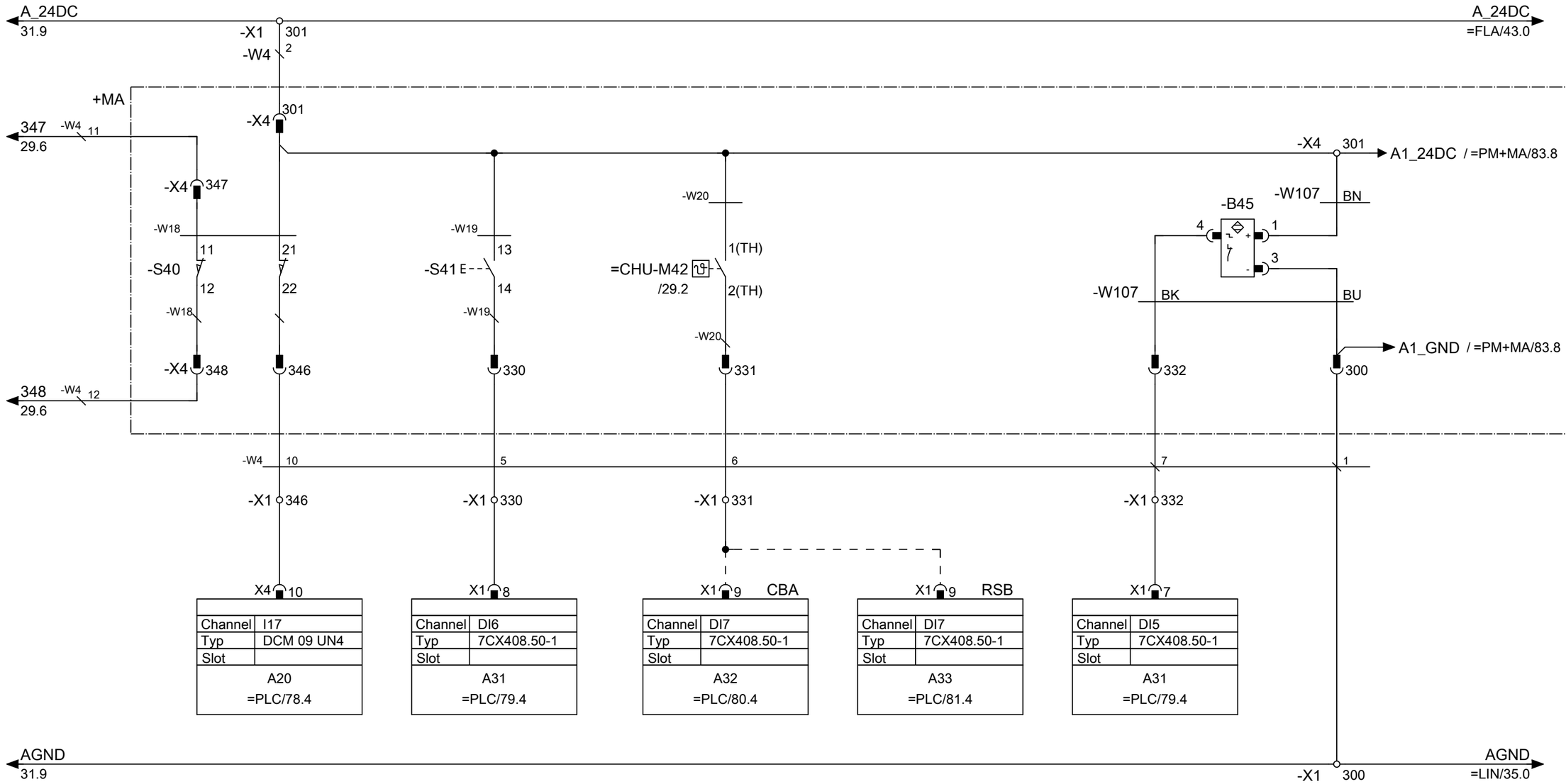
Opening roller. Pressure Scaling Aufloesewalze. Druckreglung			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CHU	before 29
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 31 Page 30 / 175



Compression fan Verdichtungsventilator			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CHU**	before 30
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 32 Page 31 / 175



drum drive Trommelantrieb			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CHU**	before	31
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	33
							Page	32 / 175



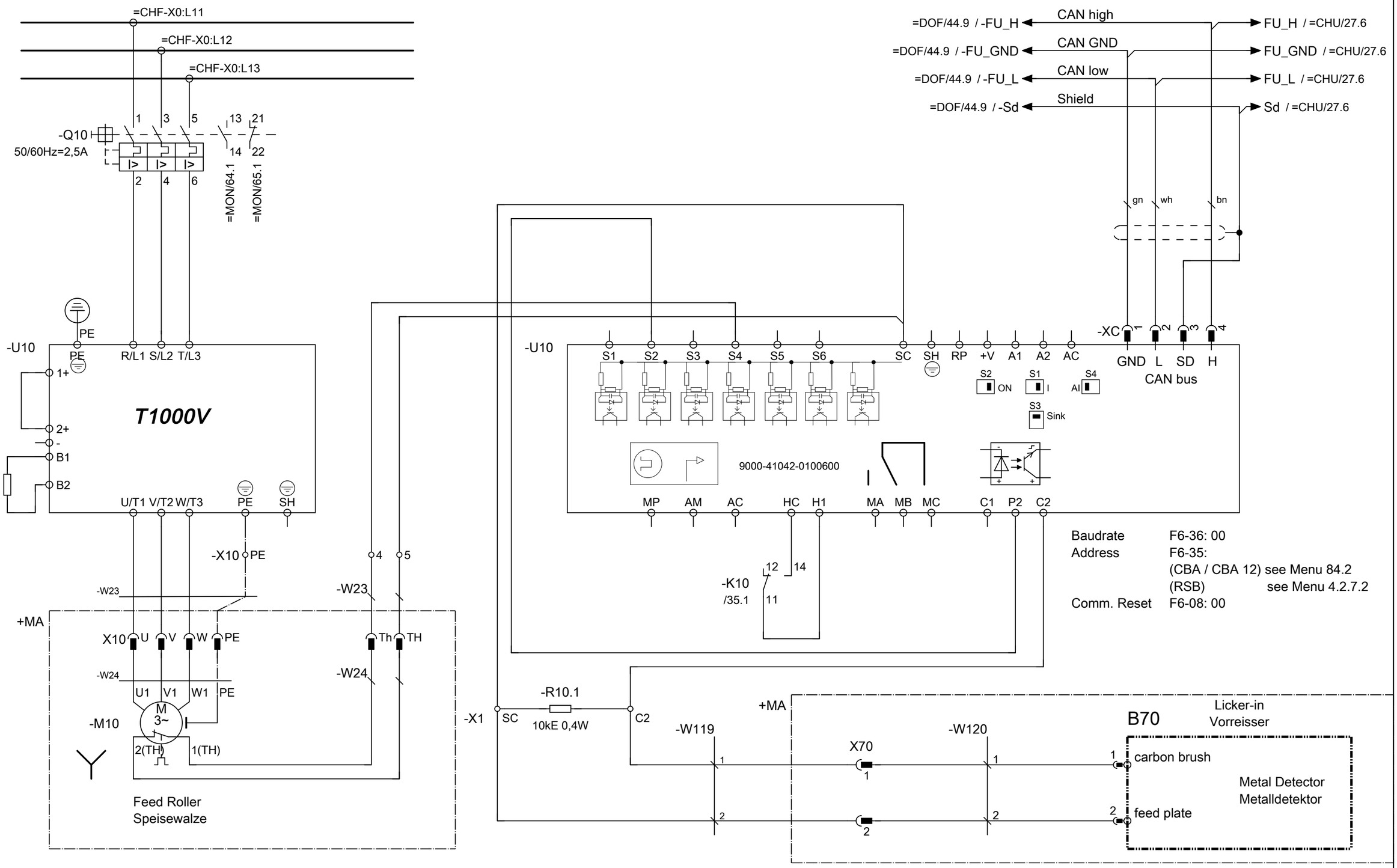
Door to chute
Tuere Schacht

Reverse movement of feed roller
Speisewalze rueckwaerts

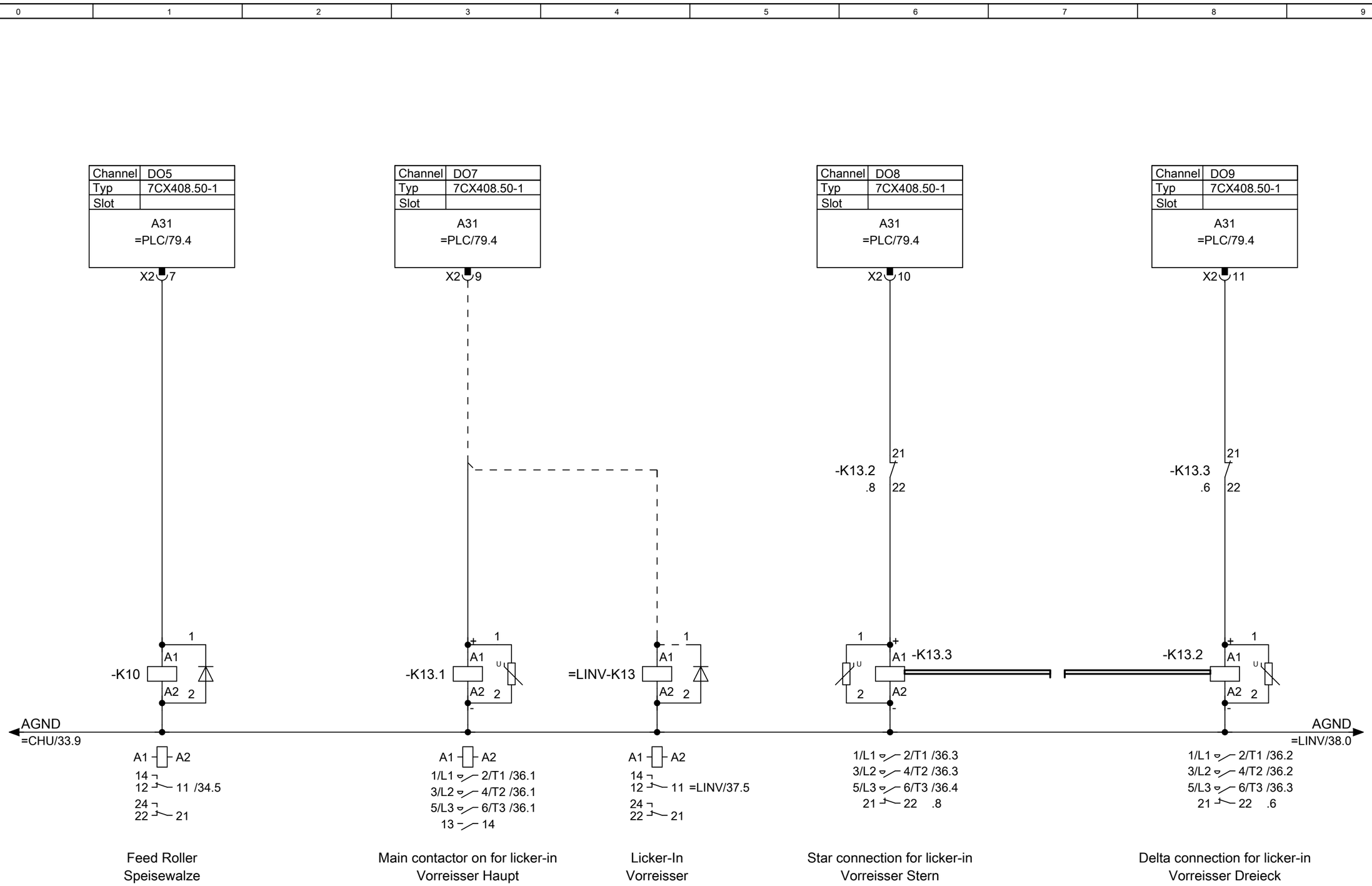
Klixon opening roller
Klixon Aufloesewalze

Chamber wall present
Schachtwand vorhanden

Steuerung Schacht			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CHU**	before 32
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =LIN/34 Page 33 / 175



Feed Roller Speisewalze		Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= LIN	before	=CHU/33
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 35
						Page	34 / 175



Feed Roller
Speisewalze

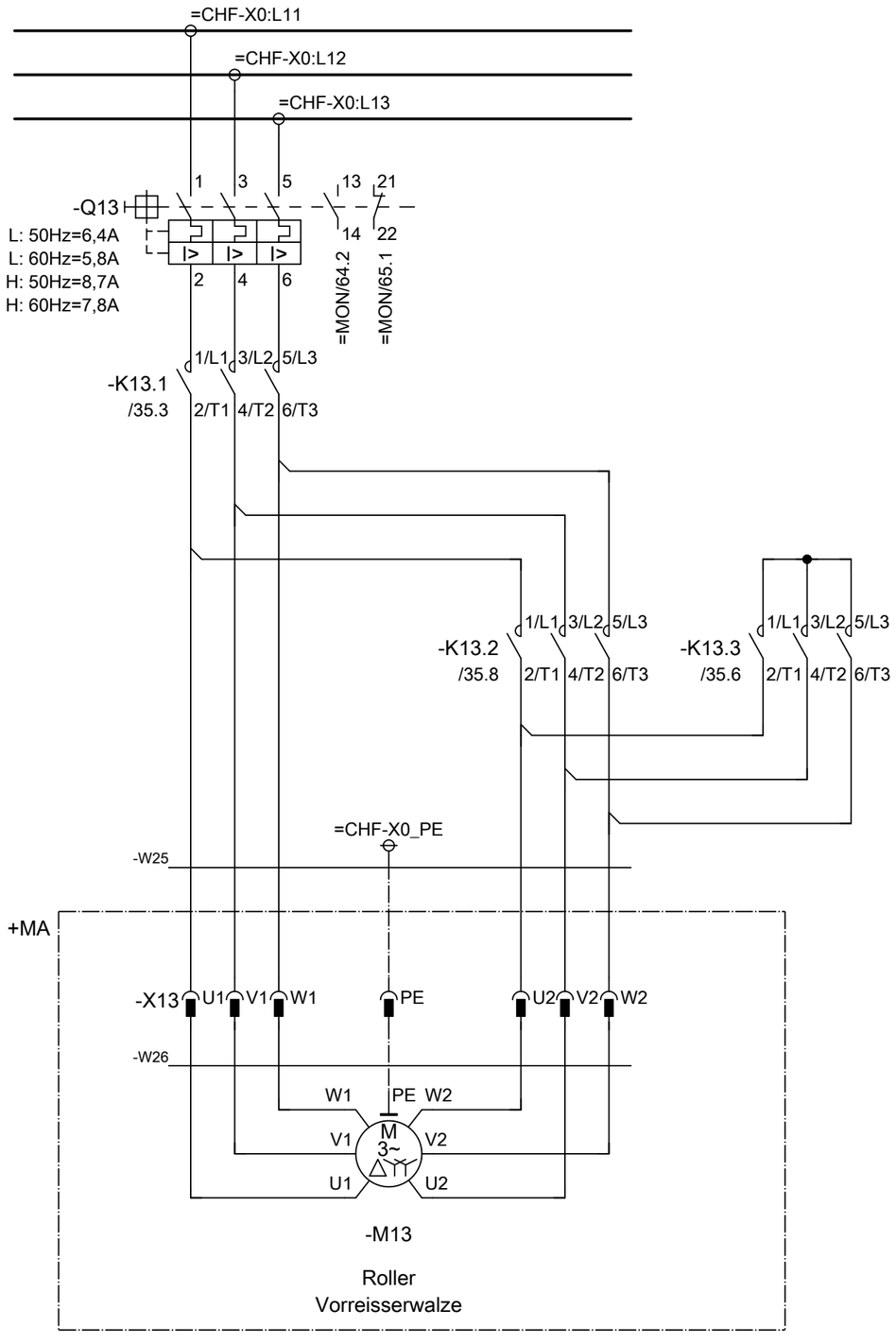
Main contactor on for licker-in
Vorreisser Haupt

Licker-In
Vorreisser

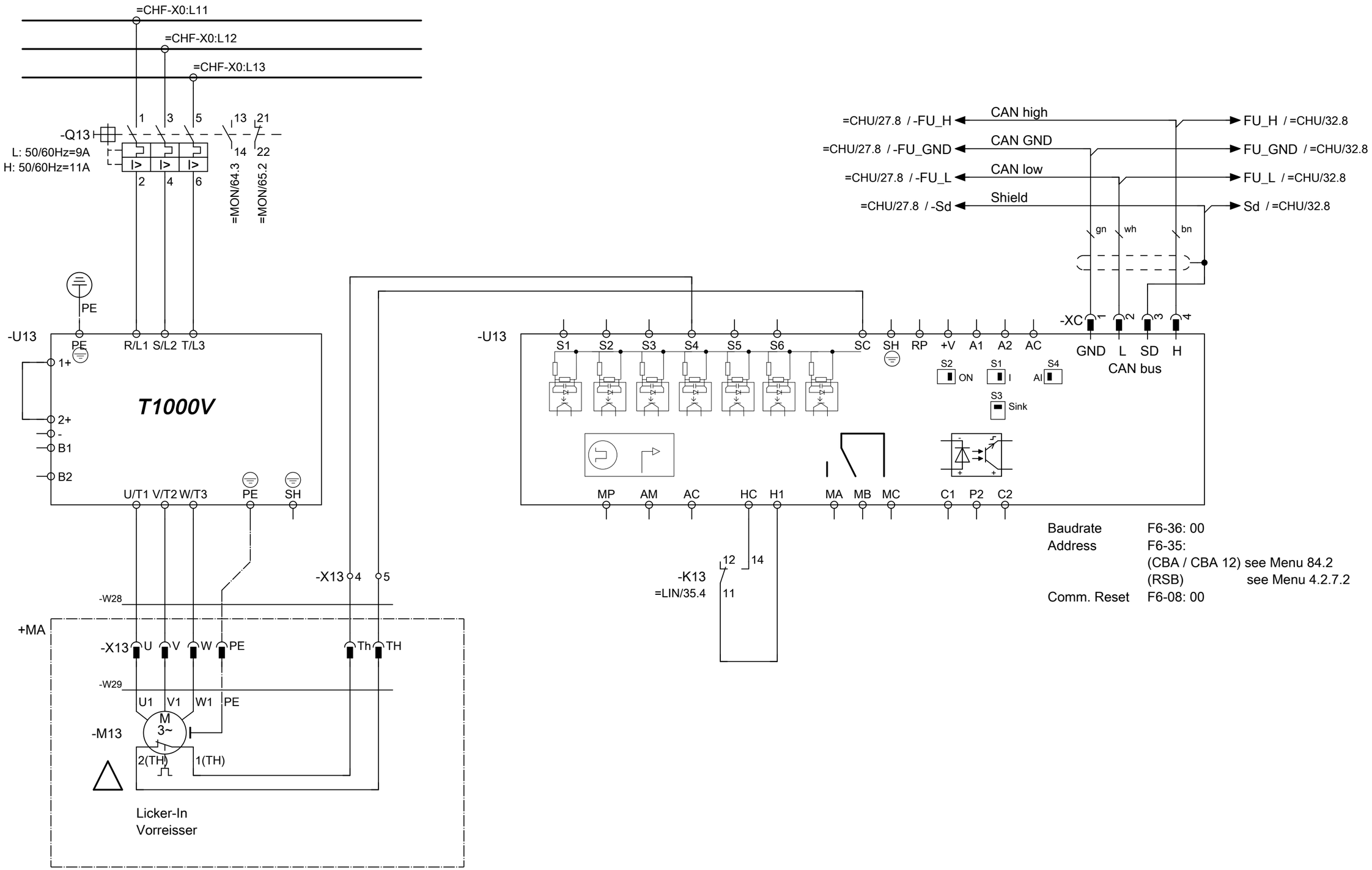
Star connection for licker-in
Vorreisser Stern

Delta connection for licker-in
Vorreisser Dreieck

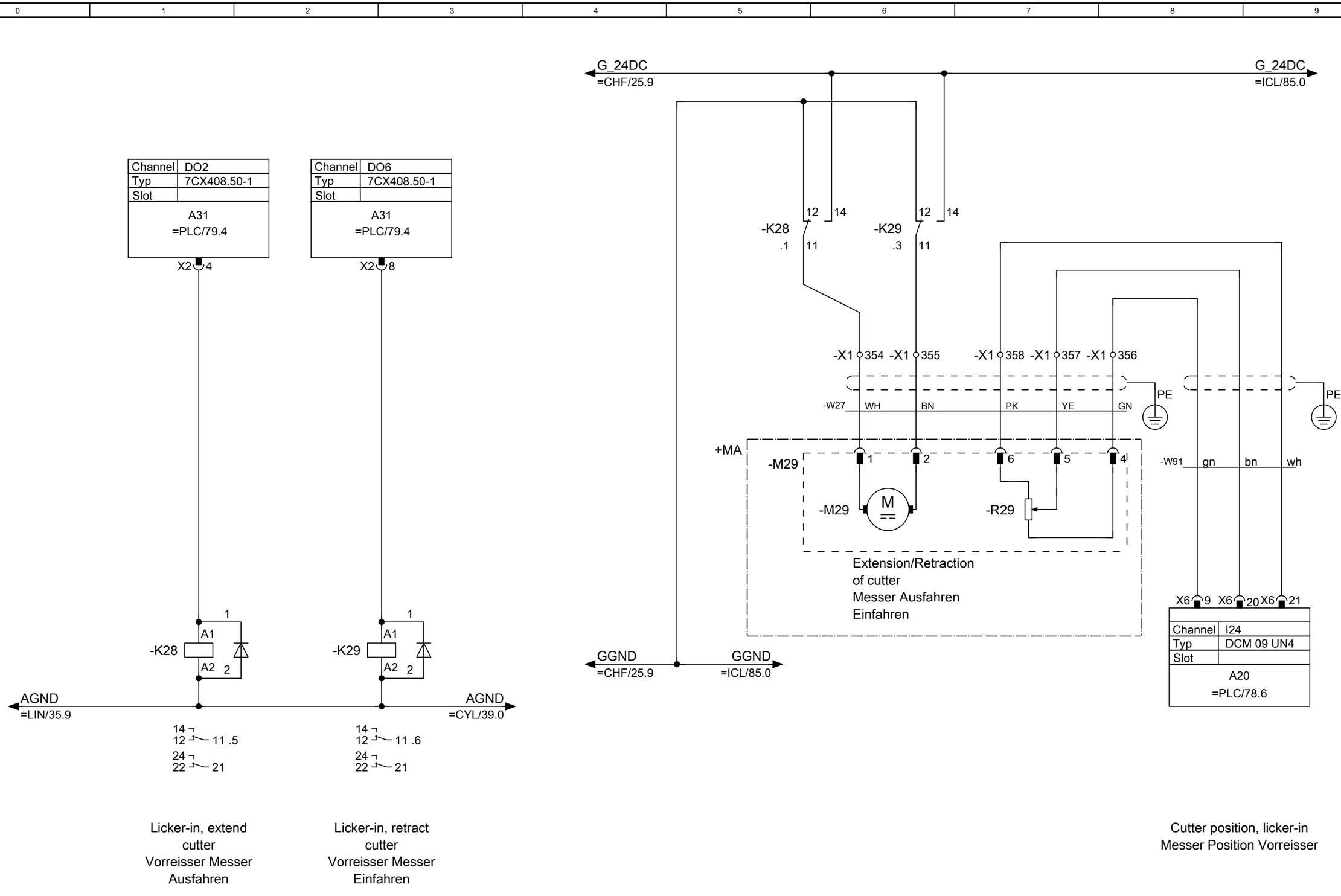
Control unit, licker-in Steuerung Vorreisser			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= LIN**	before 34
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 36 Page 35 / 175



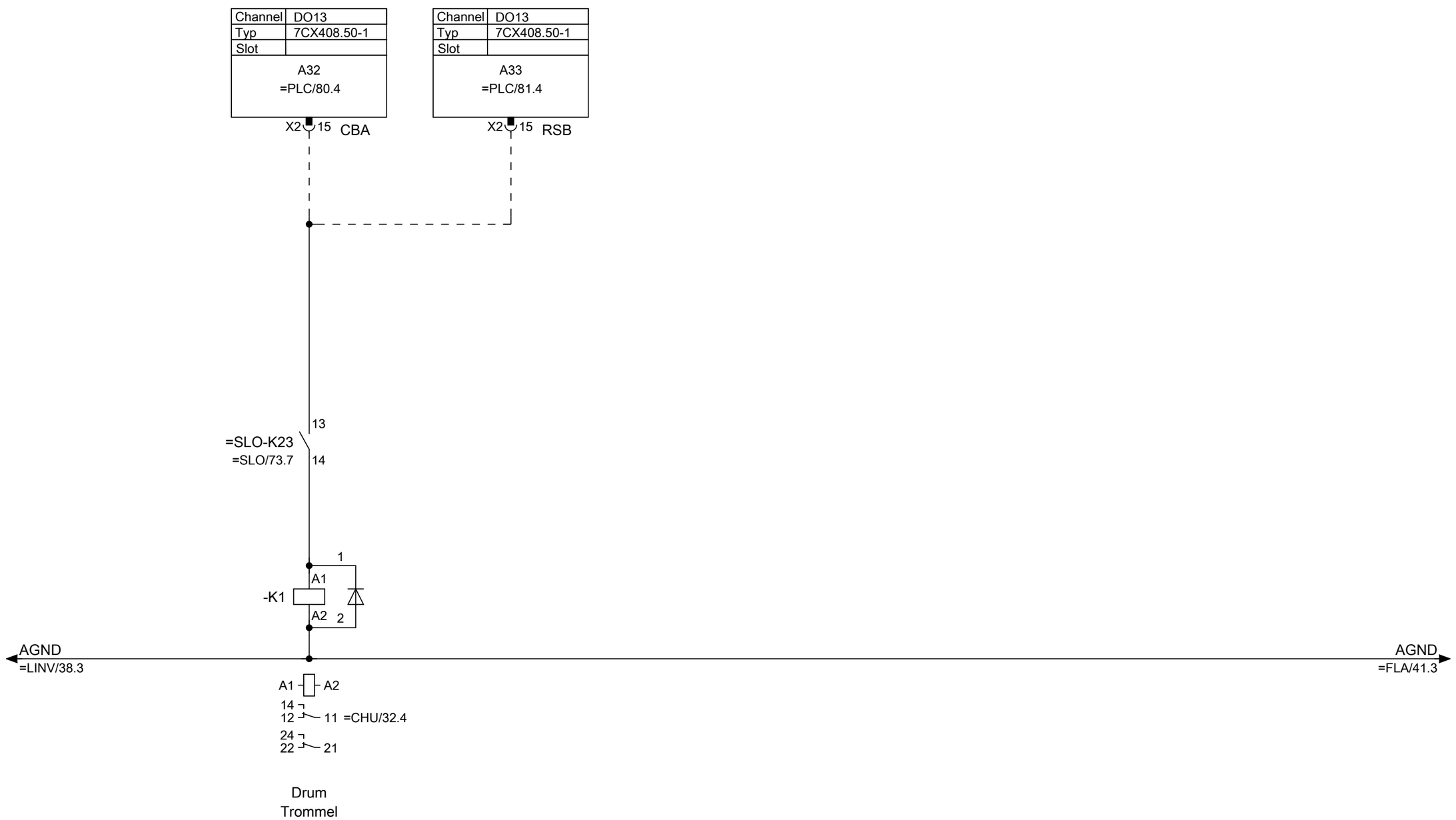
Licker-in, standard Vorreisser Standard			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= LIN**	before	35
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	=LINV/37
							Page	36 / 175



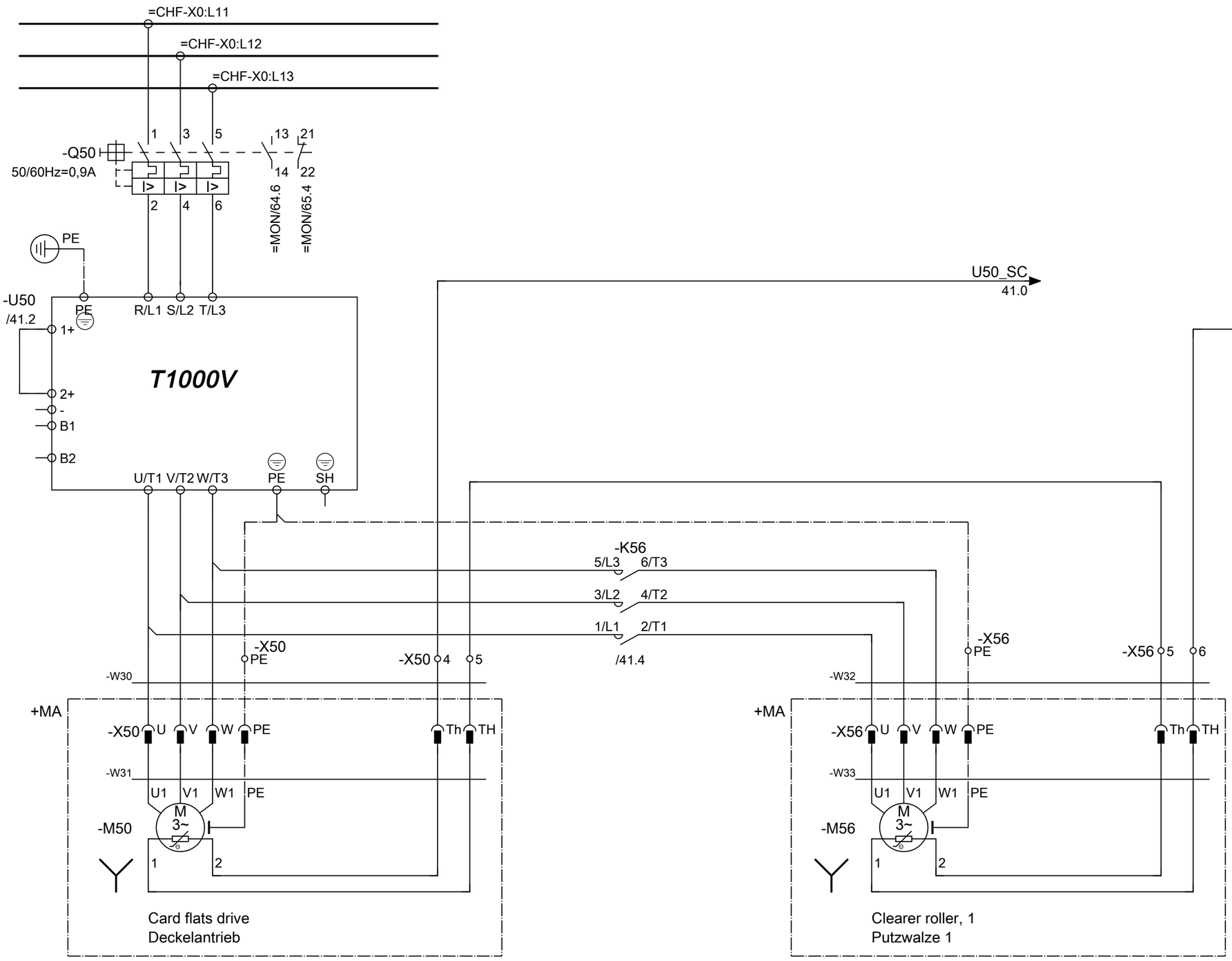
Licker-in with Varioset Vorreisser Varioset			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= LINV**	before	=LIN/36
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	38
							Page	37 / 175



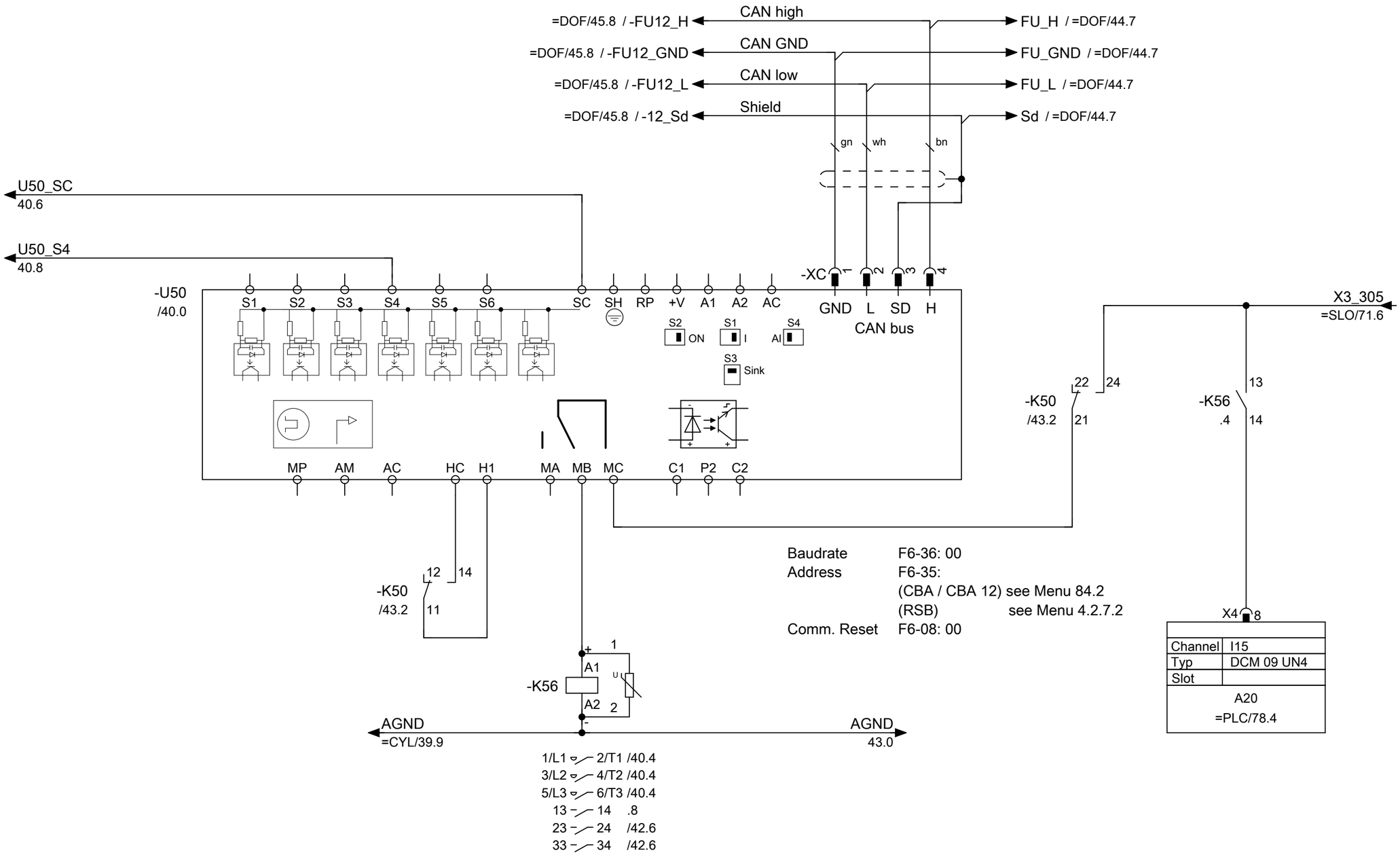
Licker-in with Varioset Vorreisser Varioset			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= LINV	before 37
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ EC1	next =CYL/39 Page 38 / 175



drum drive Trommelantrieb			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CYL**	before	=LINV/38
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next Page	=FLA/40 39 / 175



Card flats drive Deckelantrieb			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= FLA**	before =CYL/39
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 41 Page 40 / 175

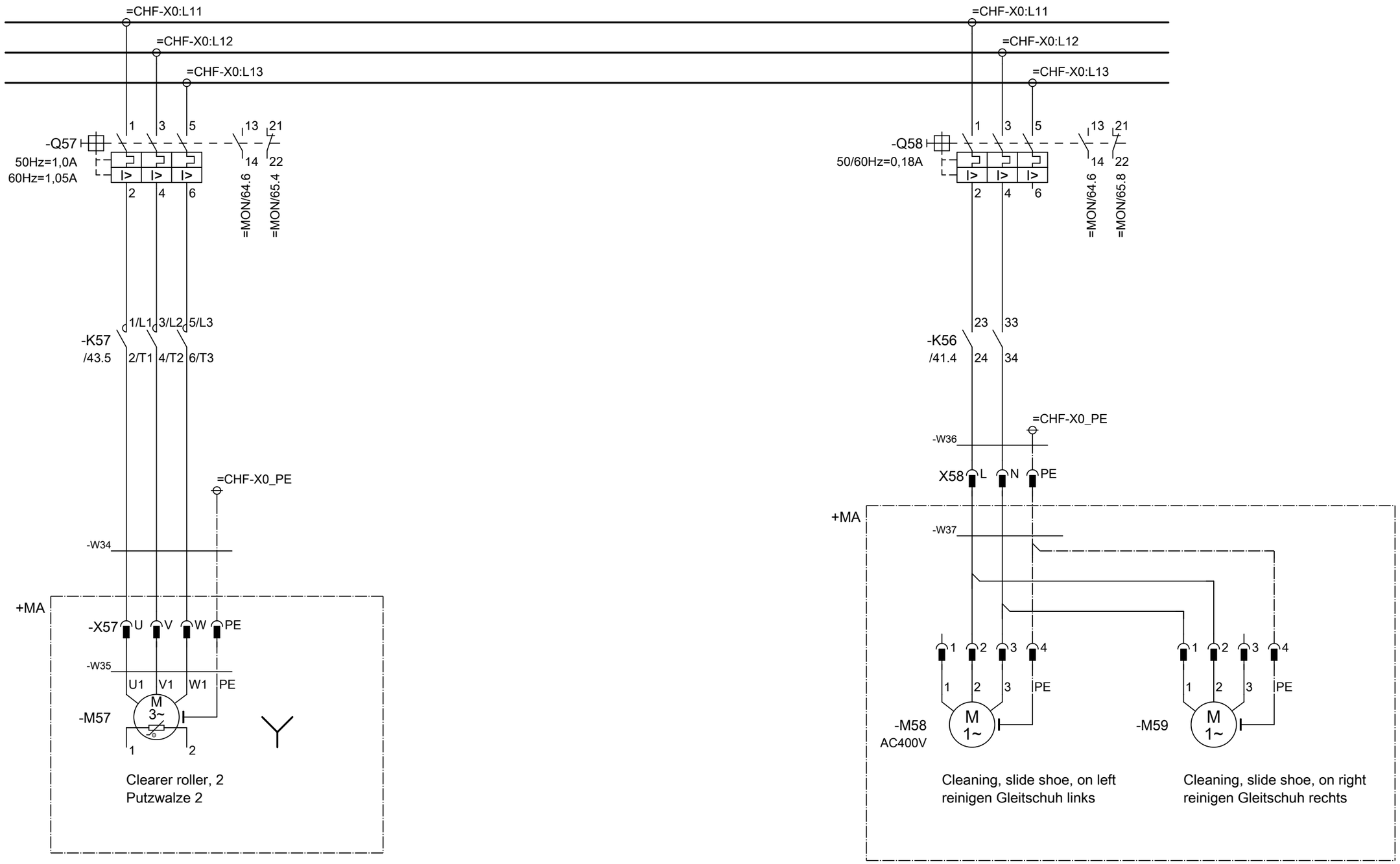


Clearer roller, 1, forwards
Putzwalze 1 vorwaerts

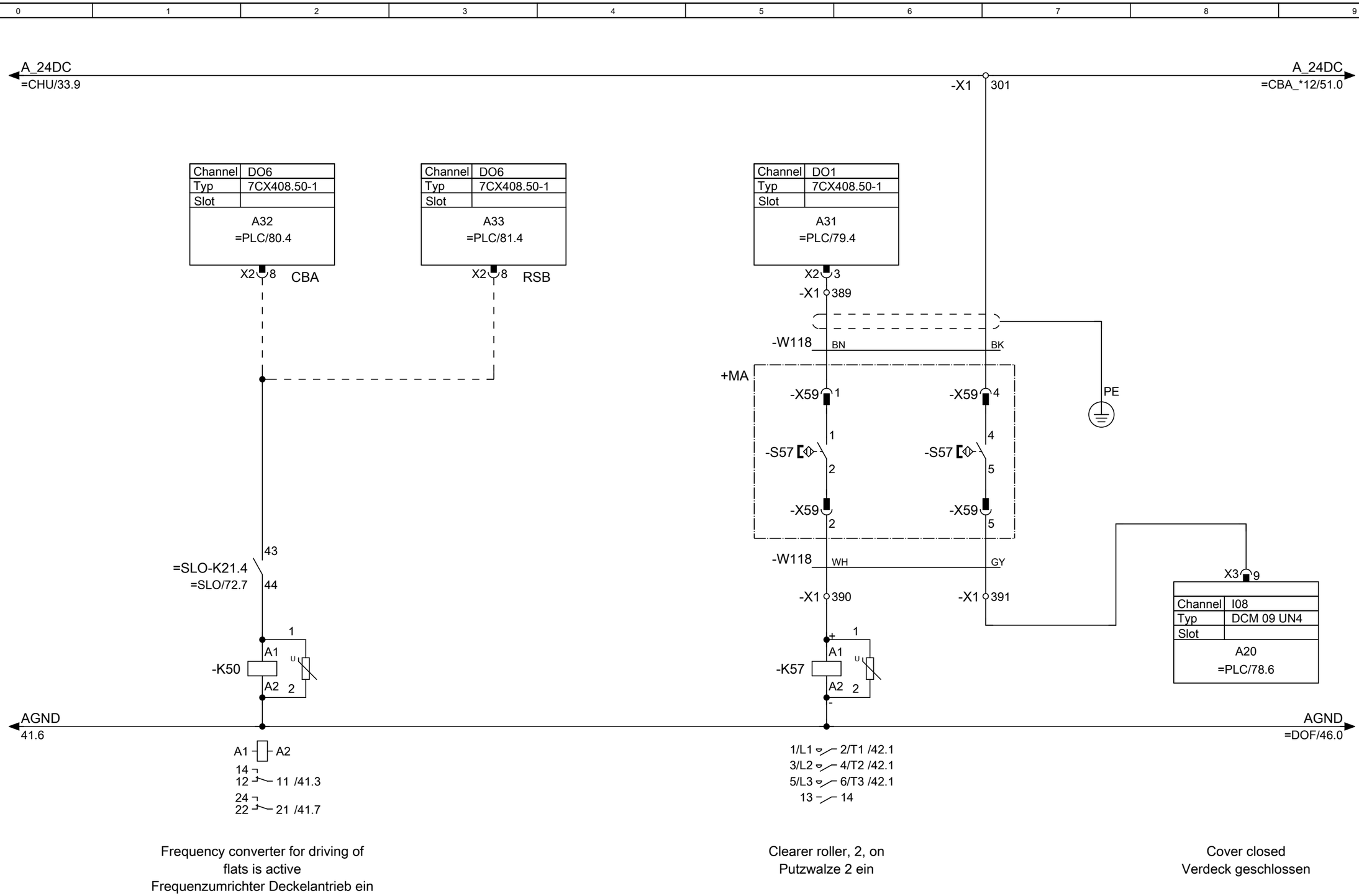
Cleaning, slide shoe, active
reinigen Gleitschuh ein

Clearer roller, 1, forwards
Putzwalze 1 vorwaerts

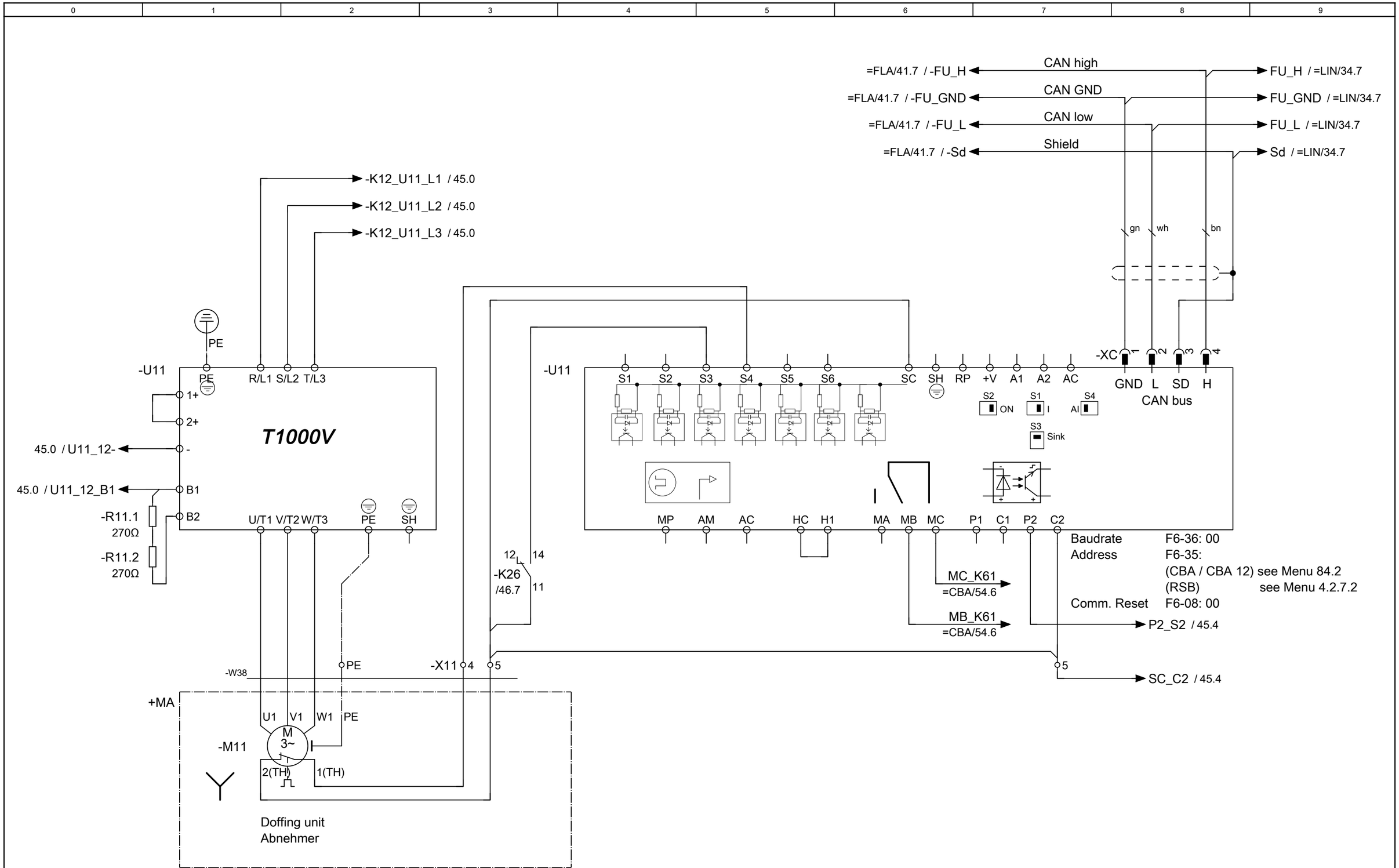
Card flats drive Deckelantrieb			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= FLA**	before 40
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 42 Page 41 / 175



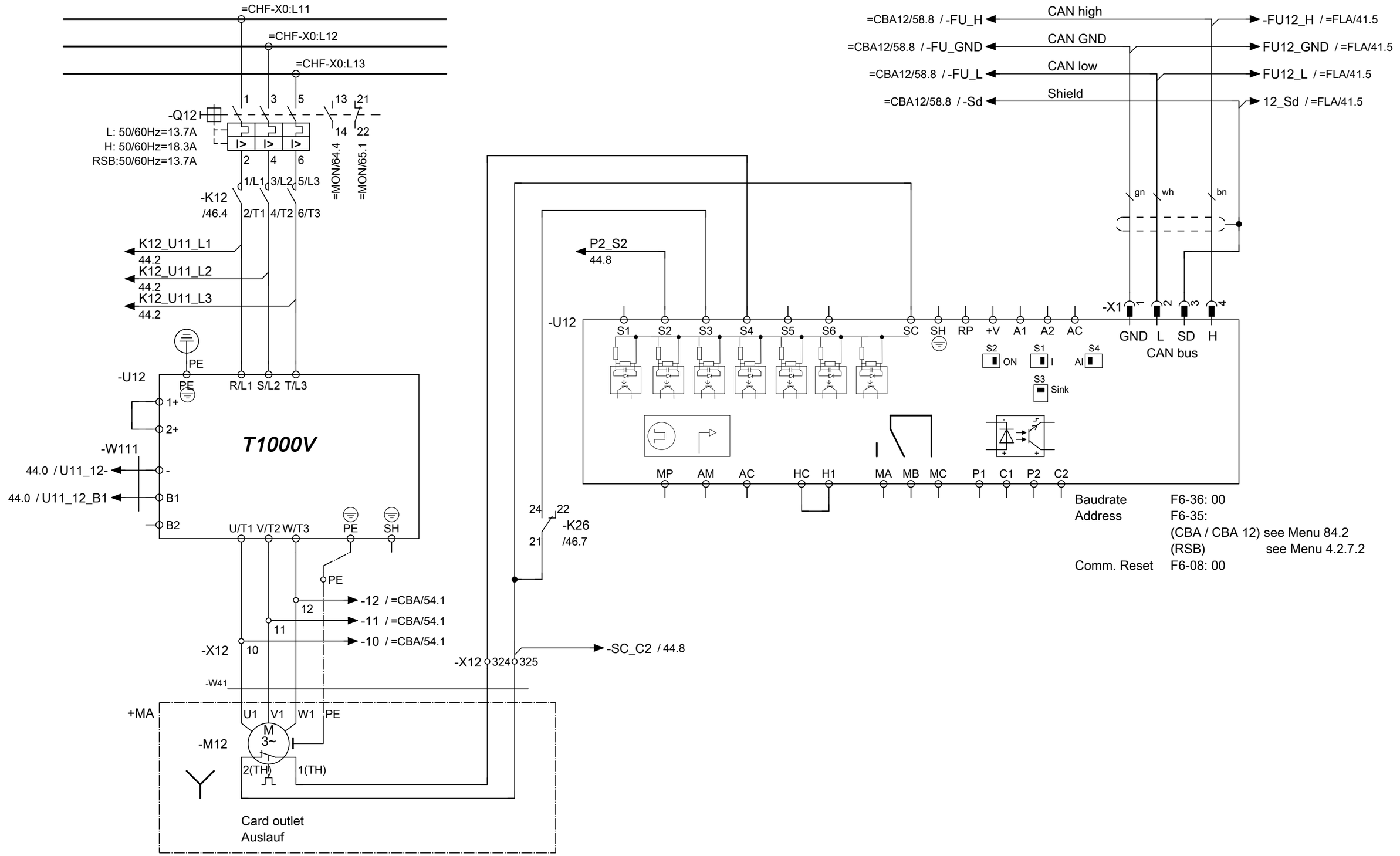
Clearer Roller Putzwalze			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= FLA**	before 41
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 43 Page 42 / 175



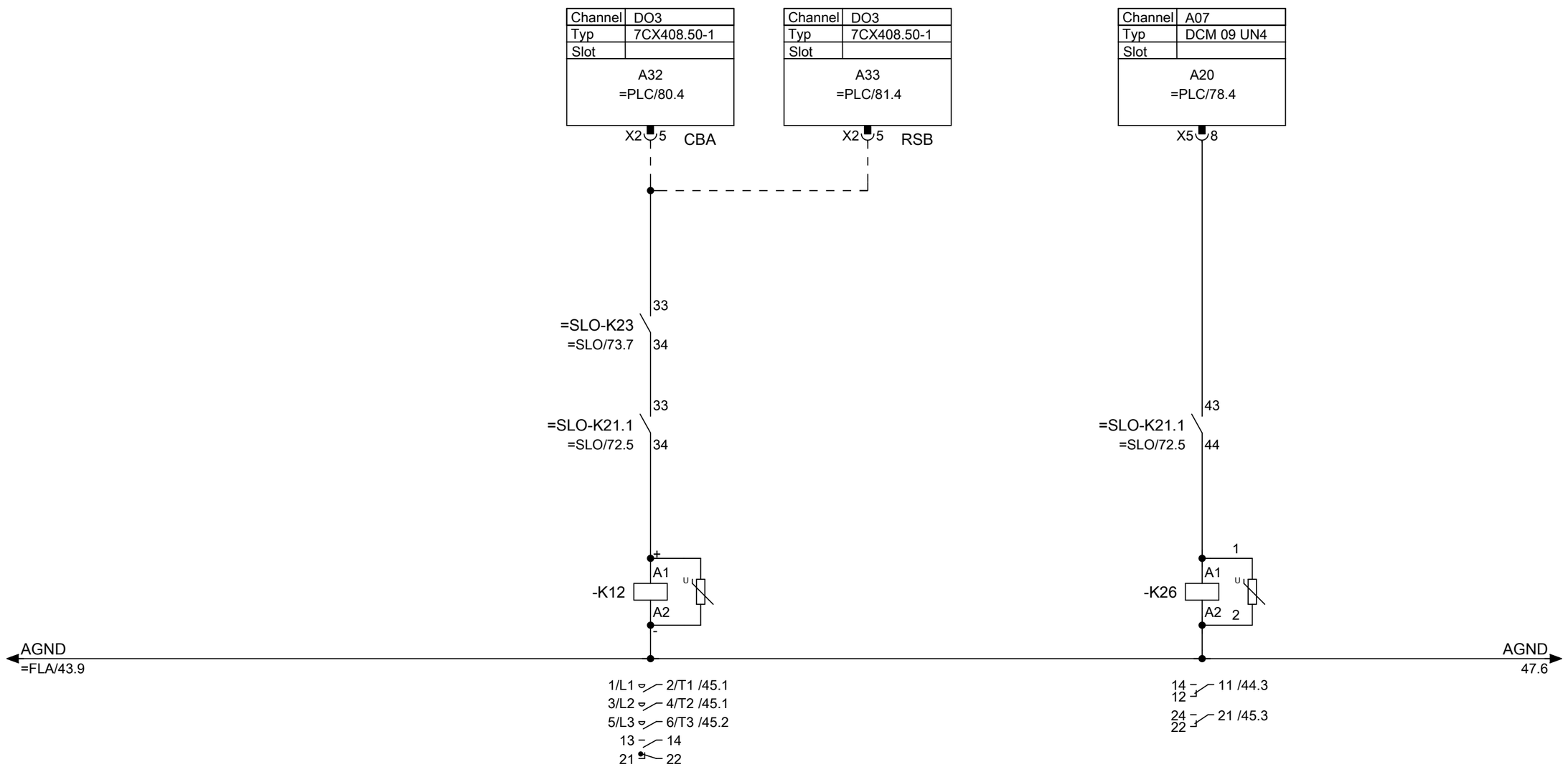
Control unit, flats drive unit Steuerung Deckelantrieb			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= FLA**	before 42
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =DOF/44 Page 43 / 175



Doffing unit Abnehmer			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= DOF**	before =FLA/43
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 45 Page 44 / 175



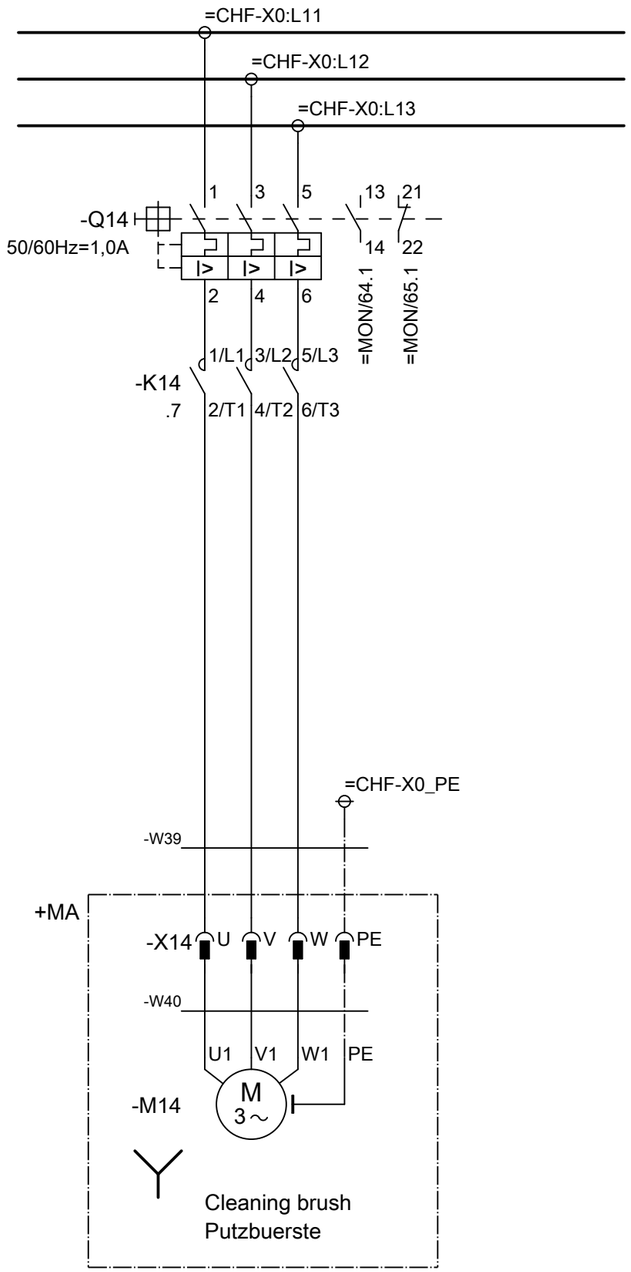
Card outlet Auslauf			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= DOF	before	44
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next	46
							Page	45 / 175



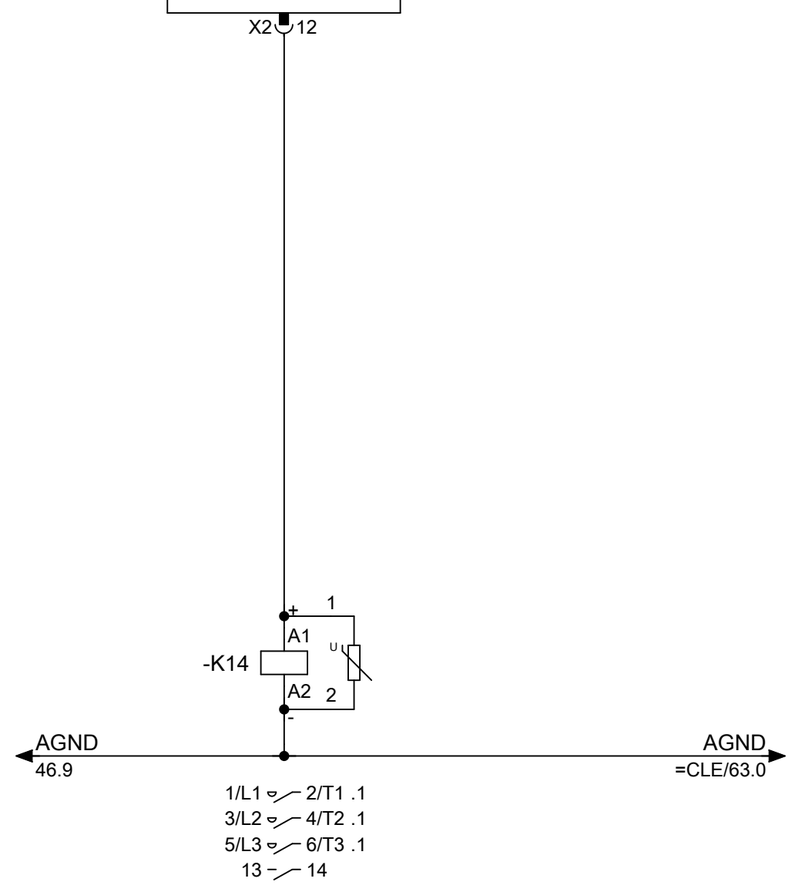
Card outlet
Auslauf

Enabling of doffer, delivery section
Freigabe Abnehmer Auslauf

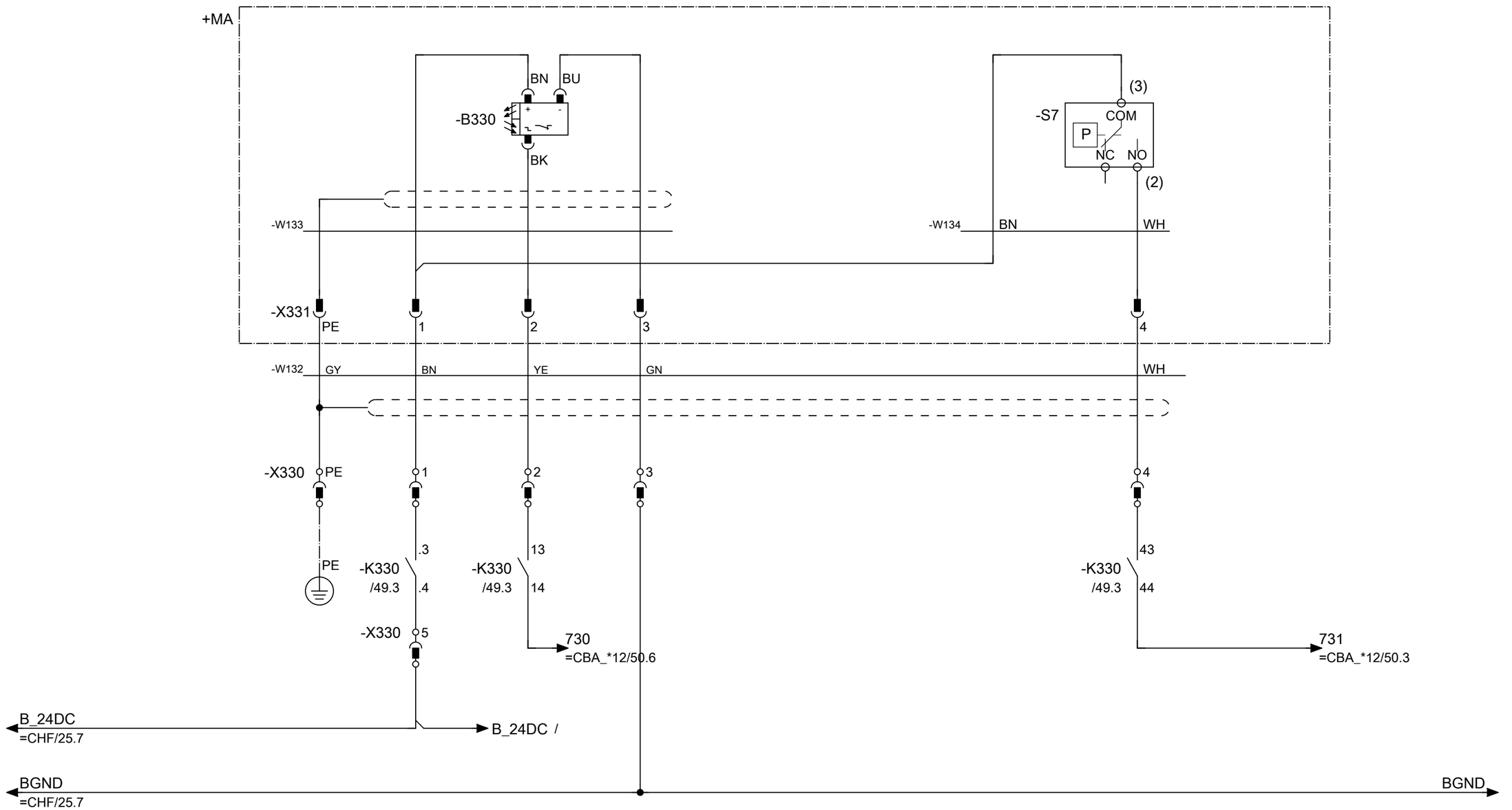
Card outlet Auslauf			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= DOF**	before 45
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 47 Page 46 / 175



Channel	DO10
Typ	7CX408.50-1
Slot	
A31 =PLC/79.4	



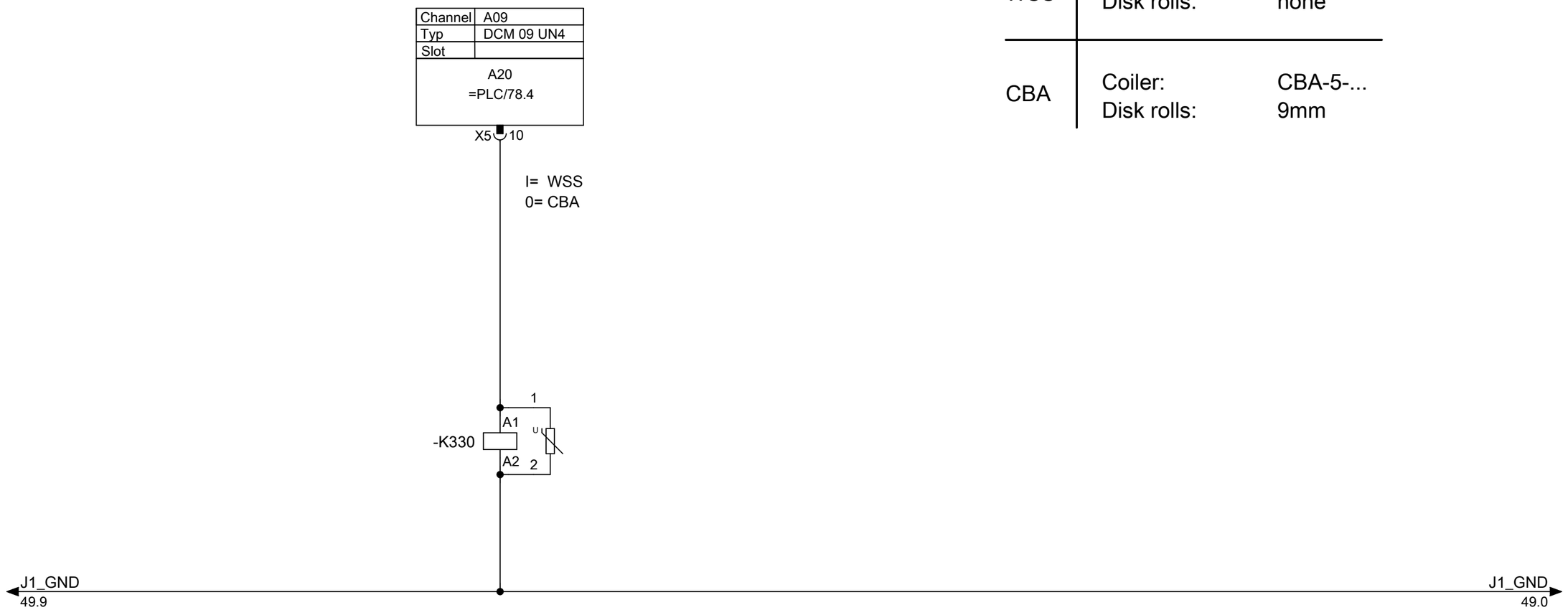
Cleaning brush Putzbuerste			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= DOF**	before 46
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =WSS/48 Page 47 / 175



Vliesbruch			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= WSS	before	=DOF/47
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next Page	49 48 / 175

43.1 Machine configuration

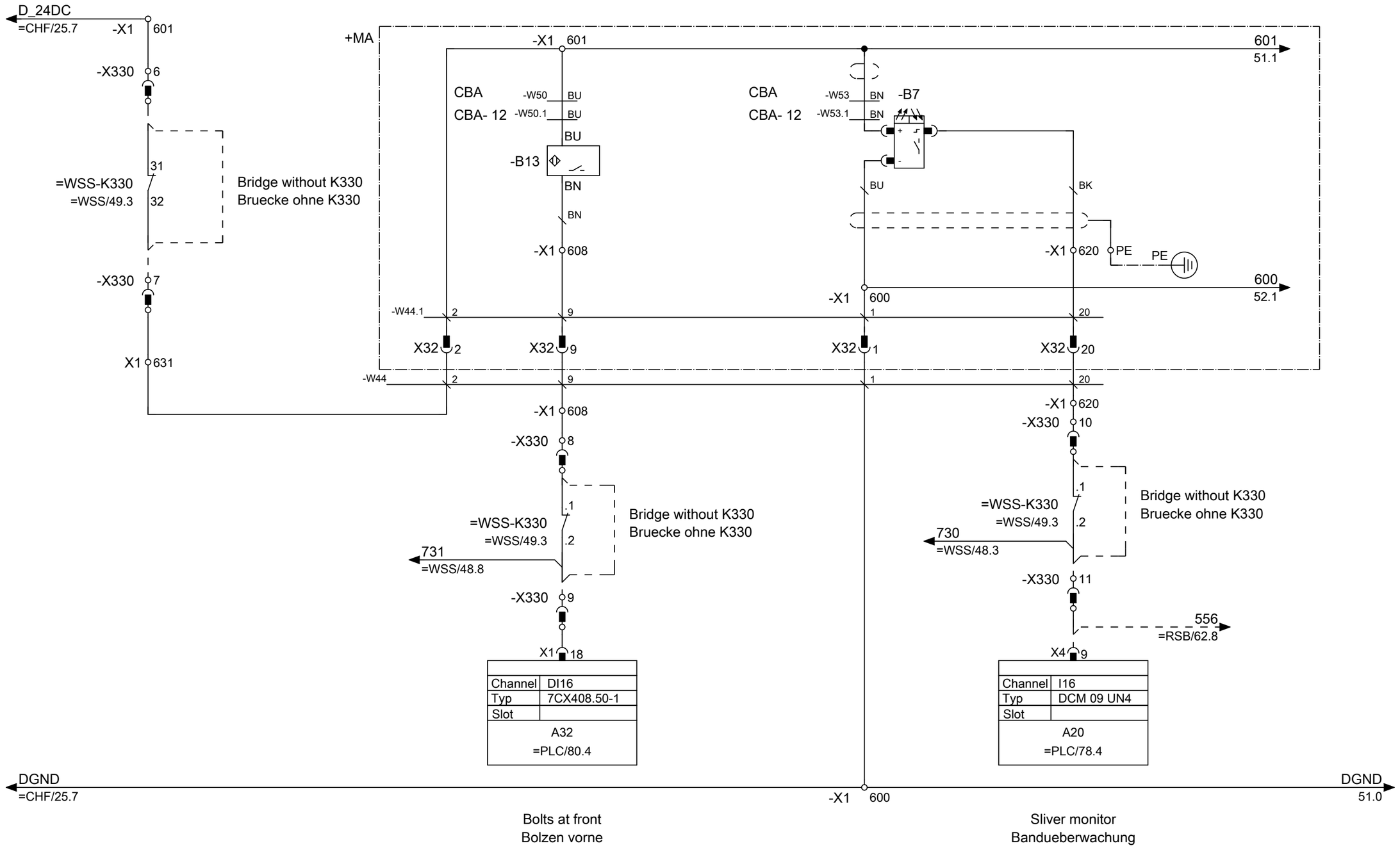
WSS	Coiler:	no coiler
	Disk rolls:	none
CBA	Coiler:	CBA-5-...
	Disk rolls:	9mm



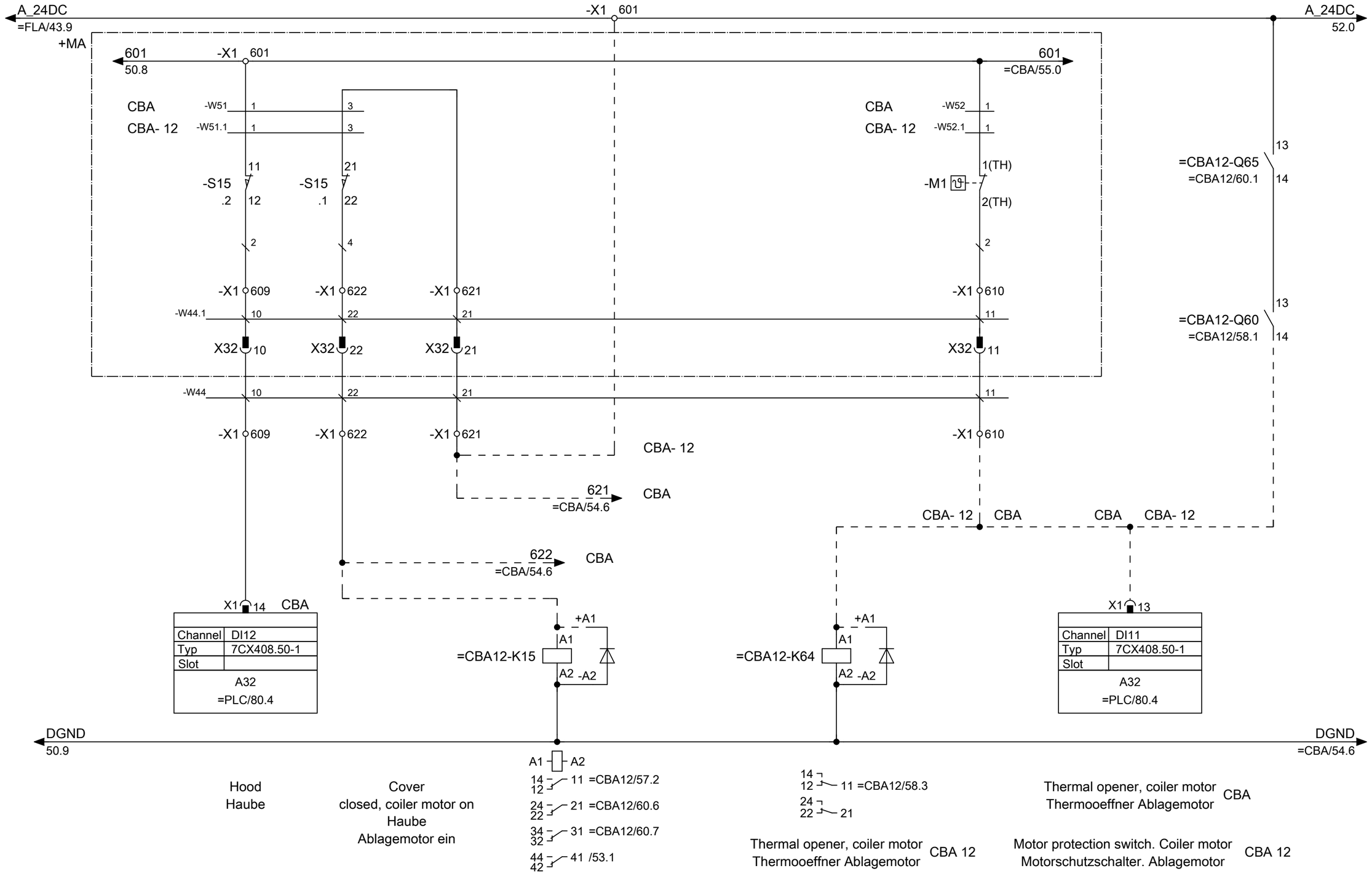
Web. Sliver. Suction.
Vlies. Band. Absaugung.

CBA / WSS

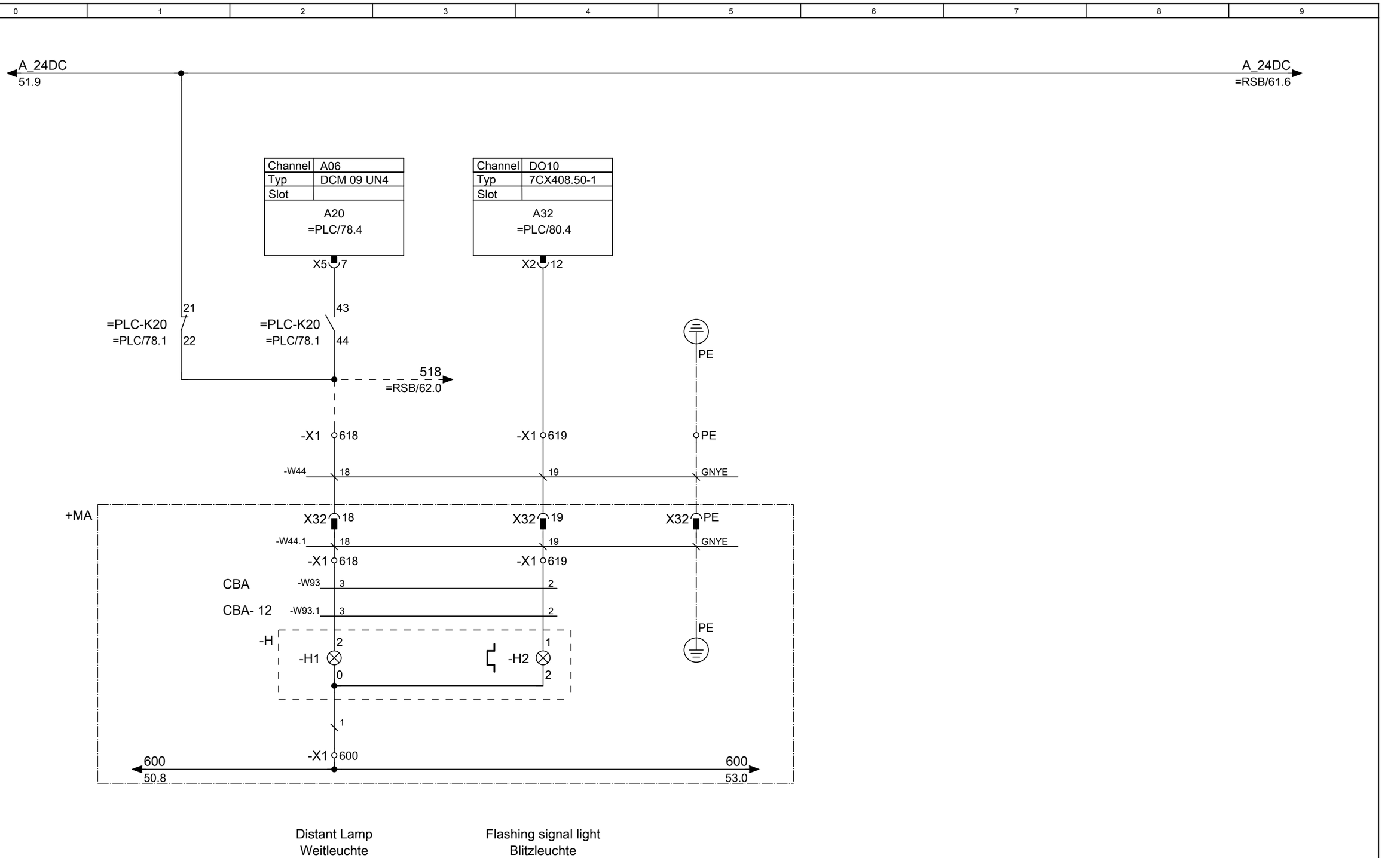
13 – 14 /48.3
21 – 22 =CHF/26.4
31 – 32 =CBA_*12/50.1
43 – 44 /48.7
.3 – .4 /48.2
.1 – .2 =CBA_*12/50.4
.1 – .2 =CBA_*12/50.7
.3 – .4



Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA_*12	before =WSS/49 next 51
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	Page 50 / 175



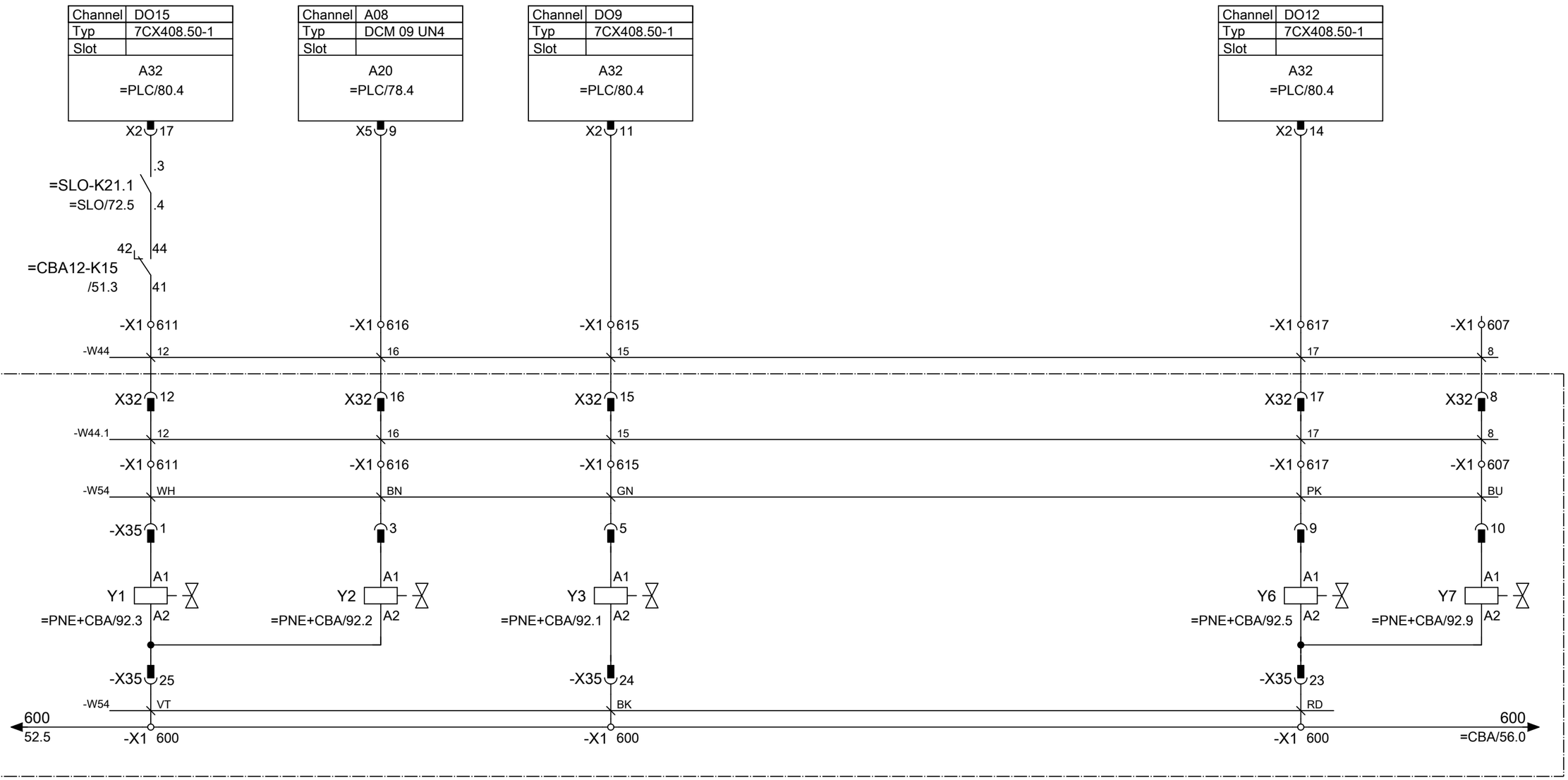
Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA_*12	before 50
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 52 Page 51 / 175



Distant Lamp
Weitleuchte

Flashing signal light
Blitzleuchte

Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA_*12	before 51
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 53 Page 52 / 175



Positioning lever up
Positions Hebel auf

Forward movement of bolts
Bolzen vorwaerts

Lower the funnel
Trichter senken

blow in
einblasen

Reserve
Reserve

Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA_*12	before 52
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next =CBA/54 Page 53 / 175

=DOF/45.2 / 10

=DOF/45.2 / 11

=DOF/45.2 / 12

-K61-CBA 1/L1 3/L2 5/L3 2/T1 4/T2 6/T3

-X0:PE

-W42

+MA

-X31 4 5 6 PE

-W43

U1 V1 W1 PE

-M1 M 3~

Coiler motor
Ablagemotor

Channel	DO11
Typ	7CX408.50-1
Slot	
A32 =PLC/80.4	

X2 13

A32_X2/13
=CBA12/57.2

CBA- 12

CBA

621
=CBA_*12/51.4

622
=CBA_*12/51.3

MB_K61
=DOF/44.7

MC_K61
=DOF/44.7

1

+

A1

U

=CBA-K61

A2 2

-

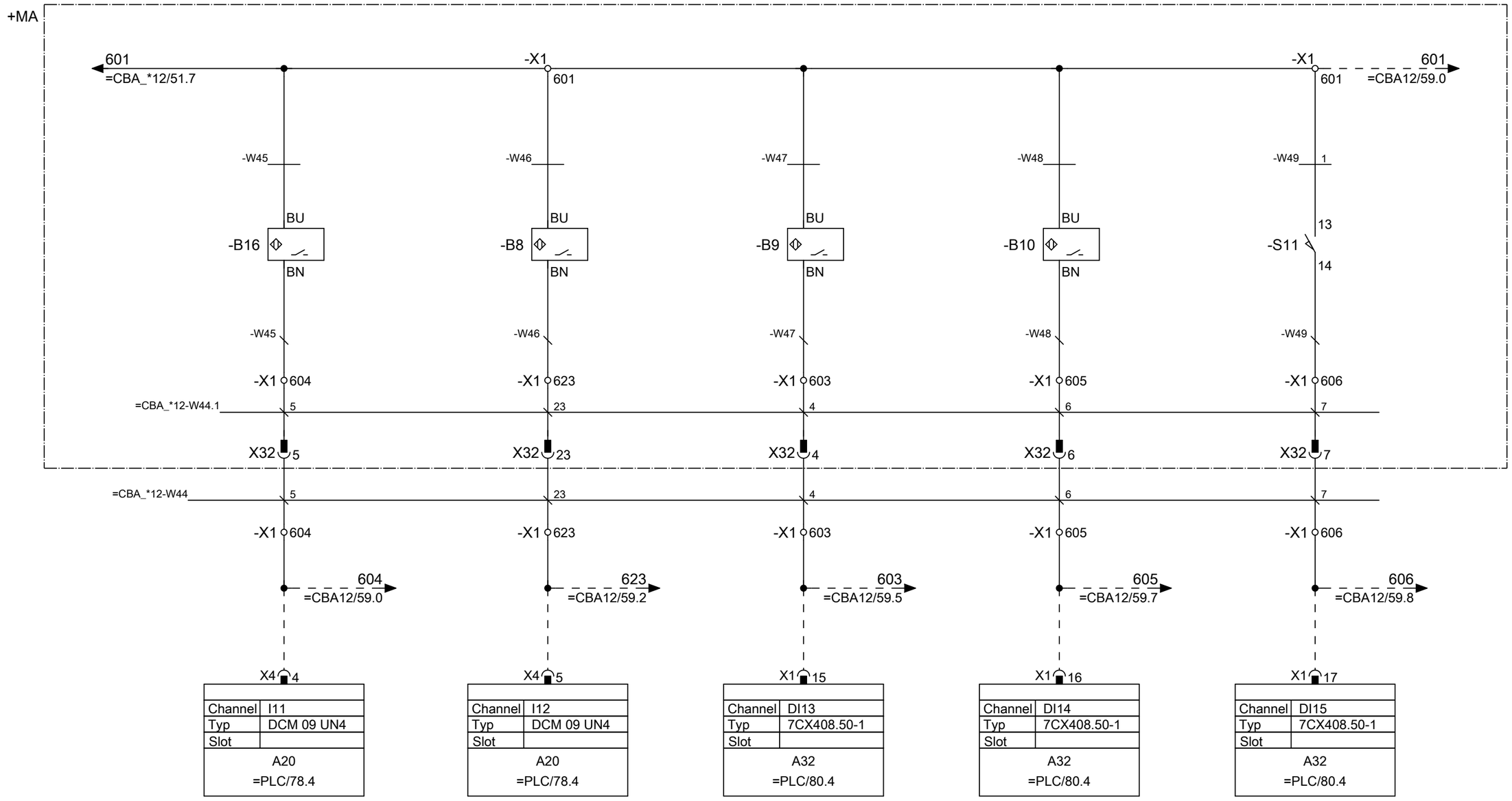
DGND
=CBA_*12/51.9

DGND
=CBA12/57.0

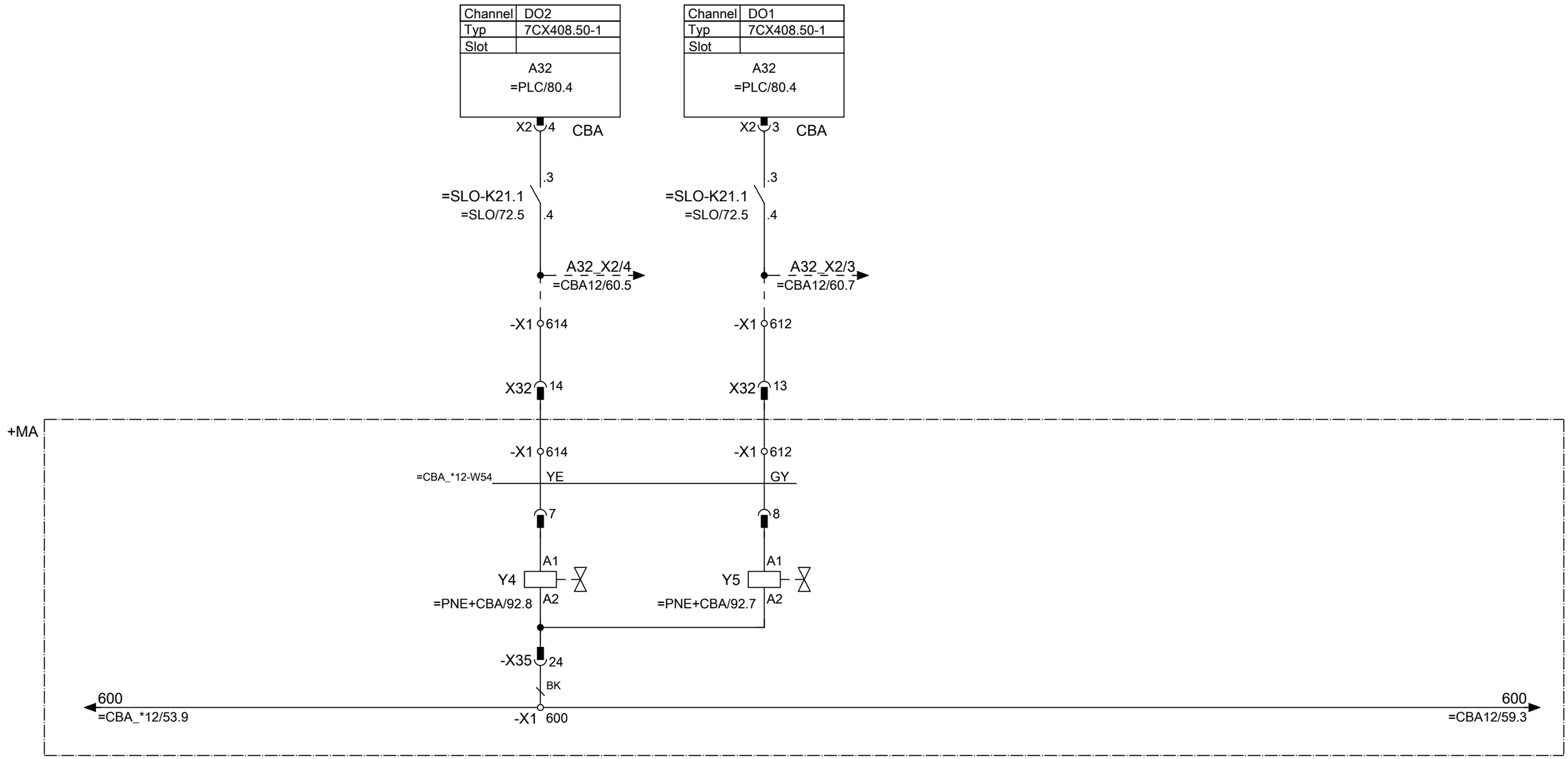
1/L1 2/T1
3/L2 4/T2
5/L3 6/T3
13 14

Coiler motor on
Ablagemotor ein

Sliver deposit Bandablage			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CBA**	before =CBA_*12/53
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 55 Page 54 / 175



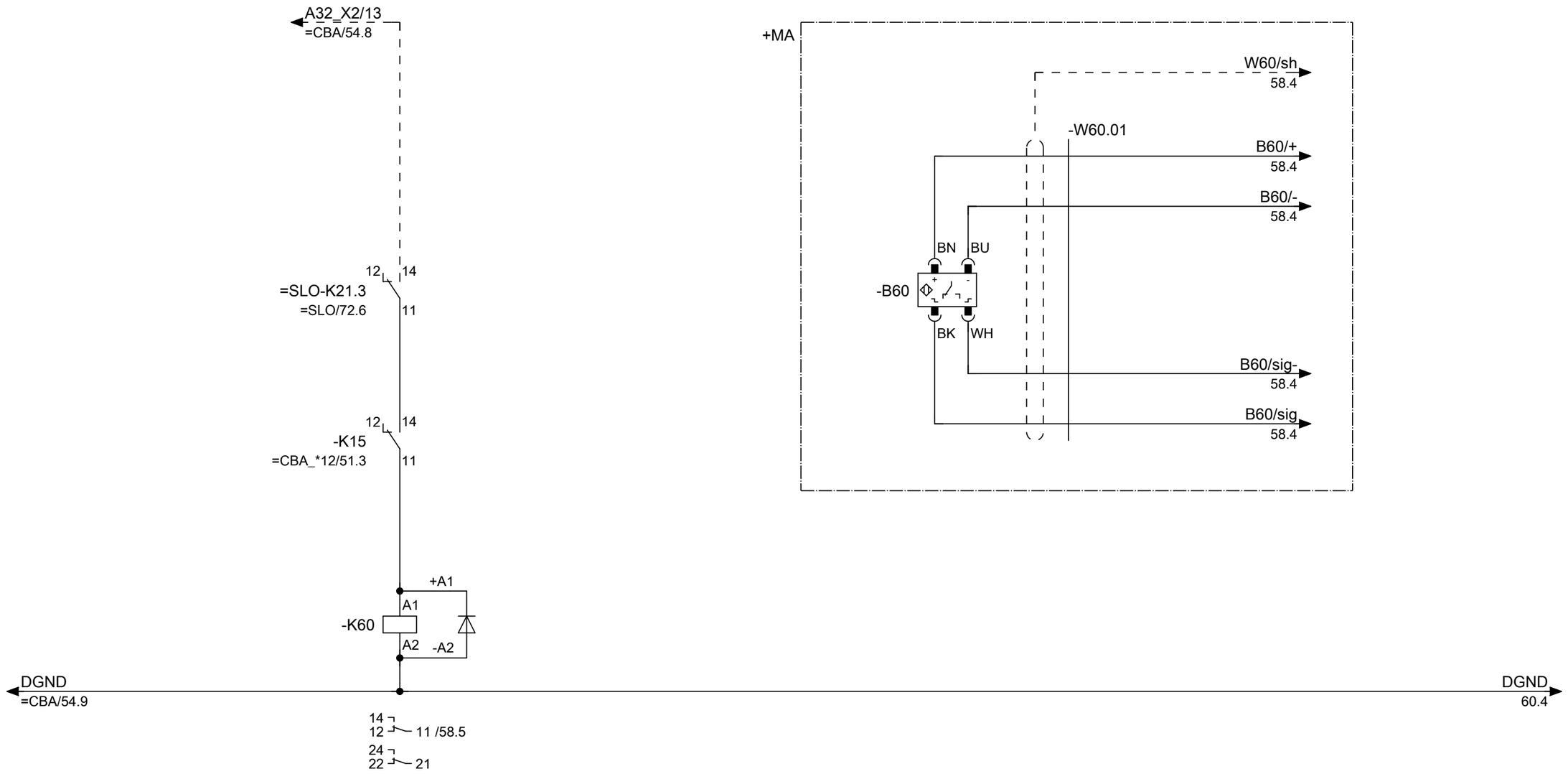
Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA	before 54
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 56 Page 55 / 175



Can changer back
Kannenwechsler zurueck

Can changer forward
Kannenwechsler Vorwaerts

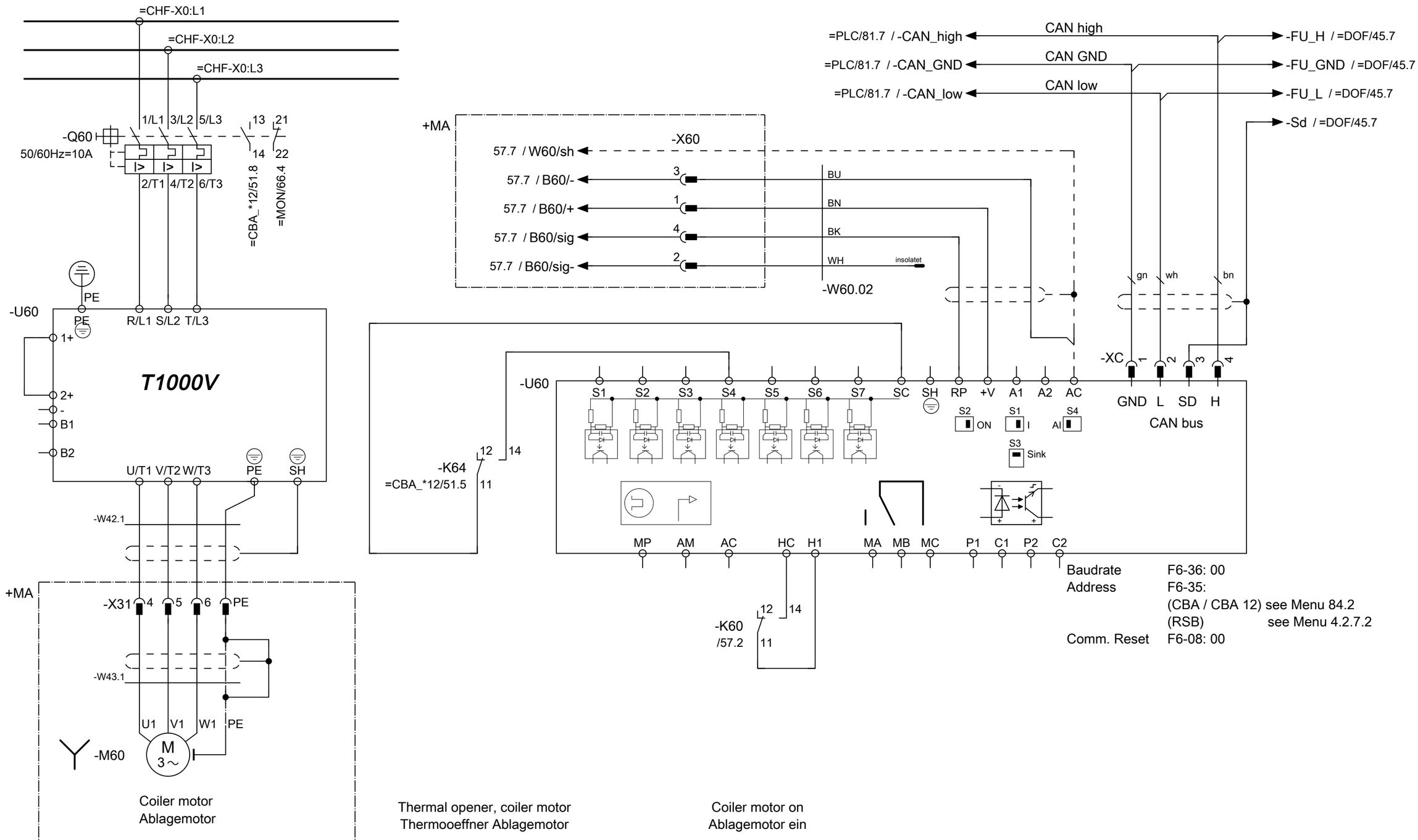
Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA	before 55
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next =CBA12/57 Page 56 / 175



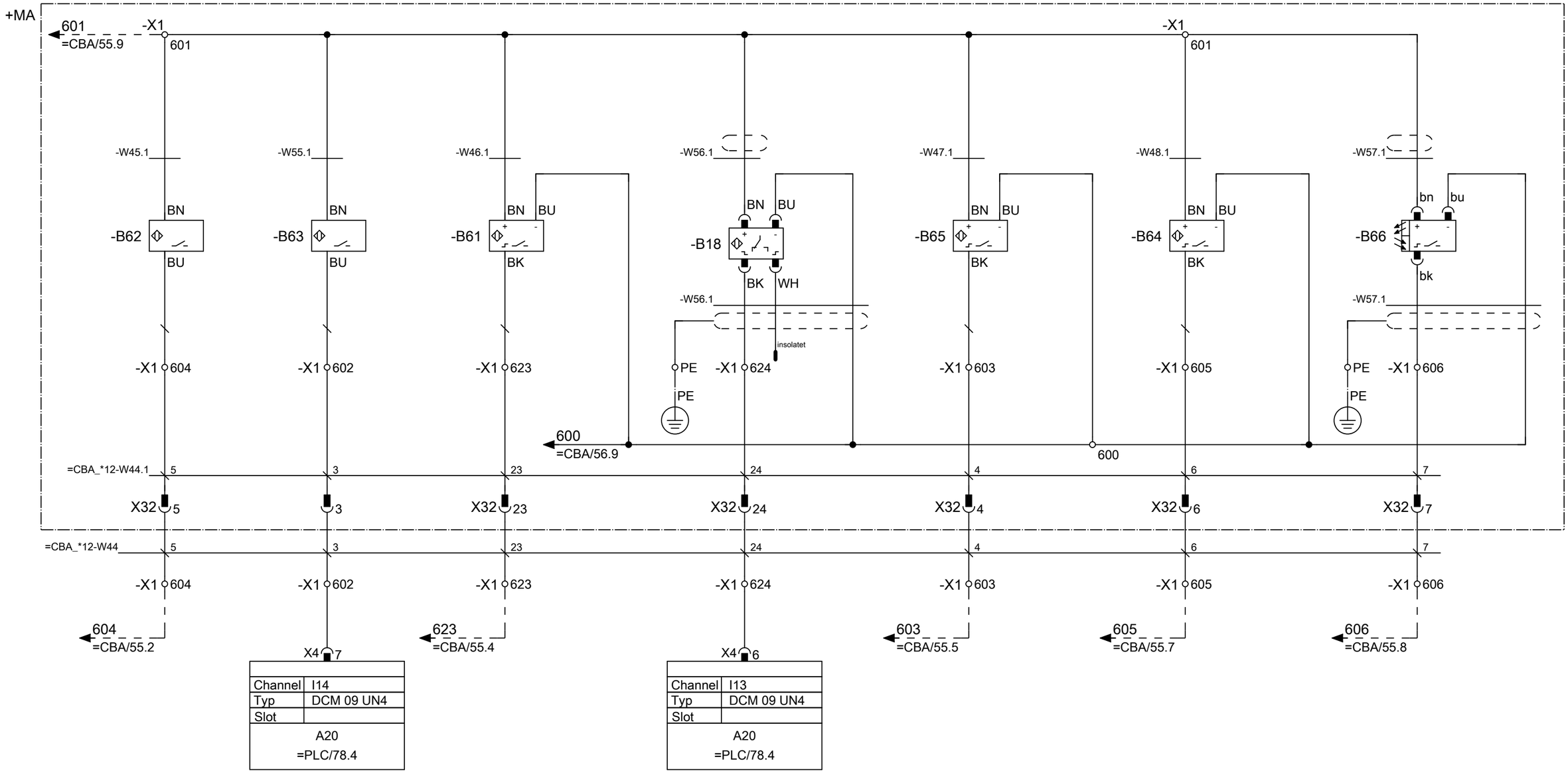
Coiler motor on
Ablagemotor ein

Coiler motor. Rpm (Revolutions Per Minute)
Ablagemotor. Drehzahl

Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA12	before =CBA/56
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 58 Page 57 / 175



Sliver deposit Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= CBA12	before 57
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 59 Page 58 / 175



Centring device open. left
Zentrierung offen. links

Centring device open. right
Zentrierung offen. rechts

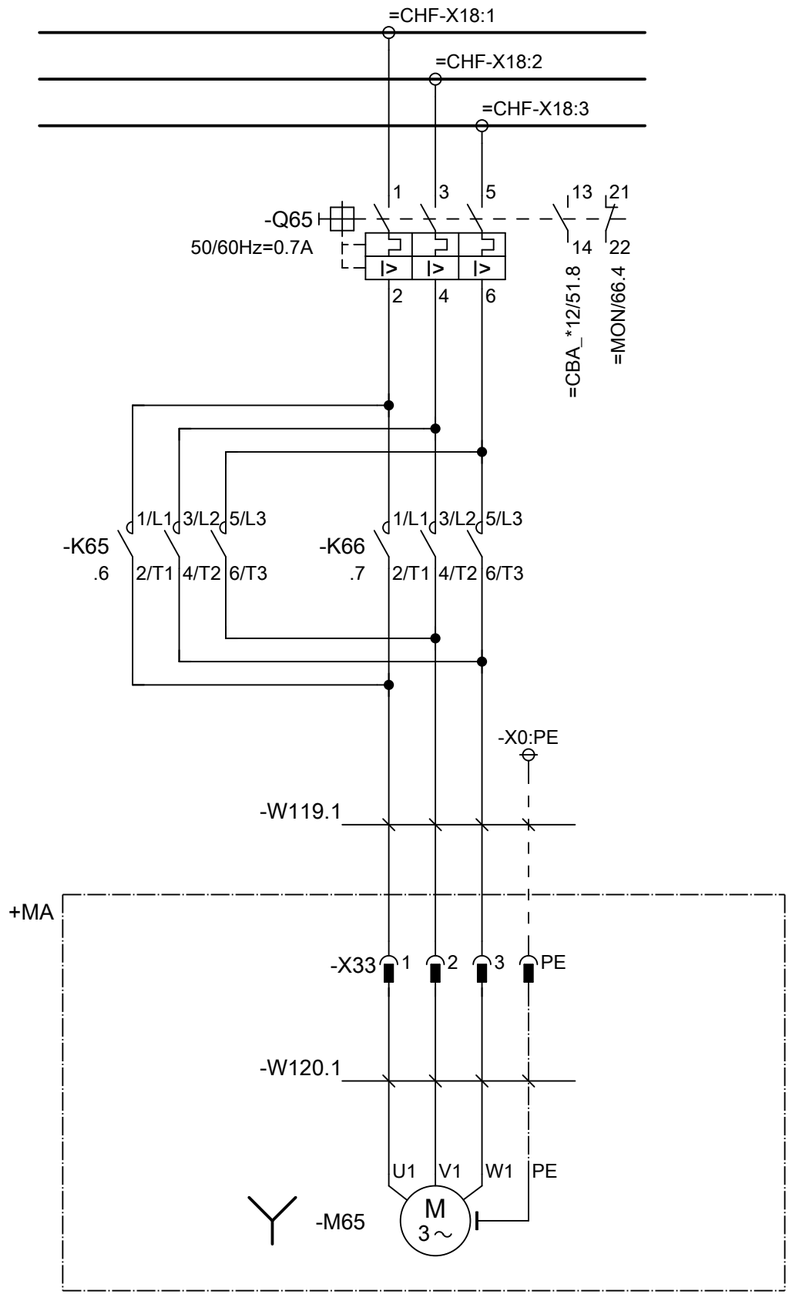
Can changer home position
Kannenwechsler Grundstellung

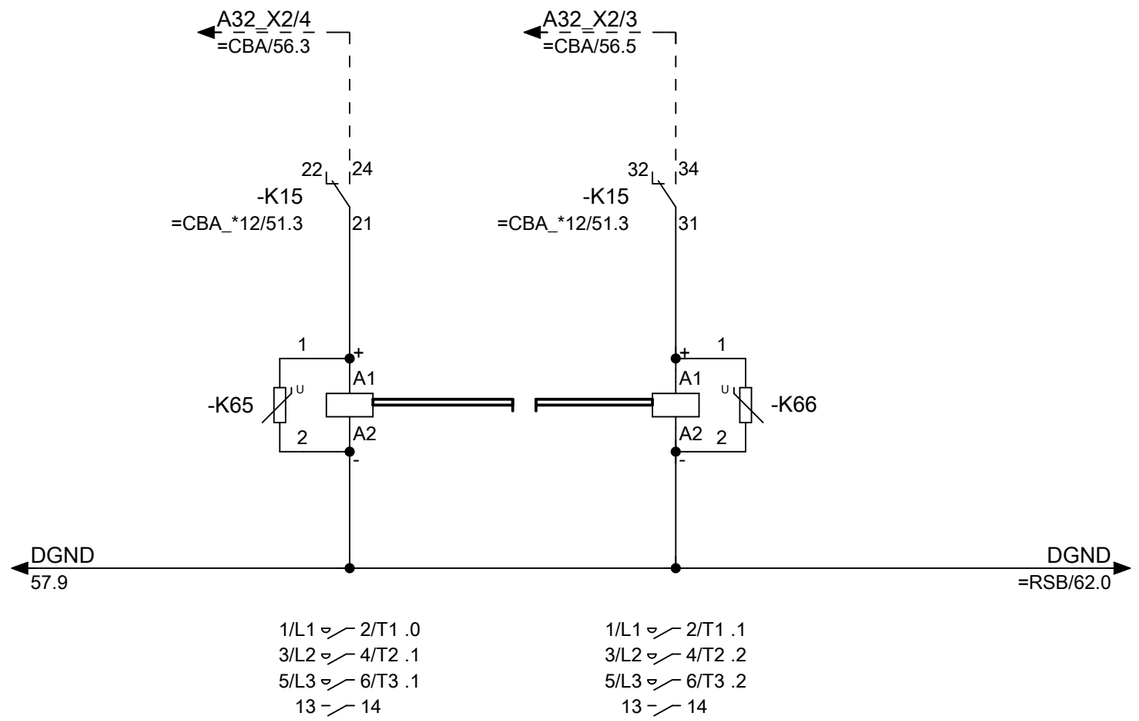
Coiler wheel position
Position Trichterrad

Can changer rear end position
Kannenwechsler Endstellung Hinten

Can changer front end position
Kannenwechsler Endstellung Vorne

Empty can available
Leerkanne vorhanden

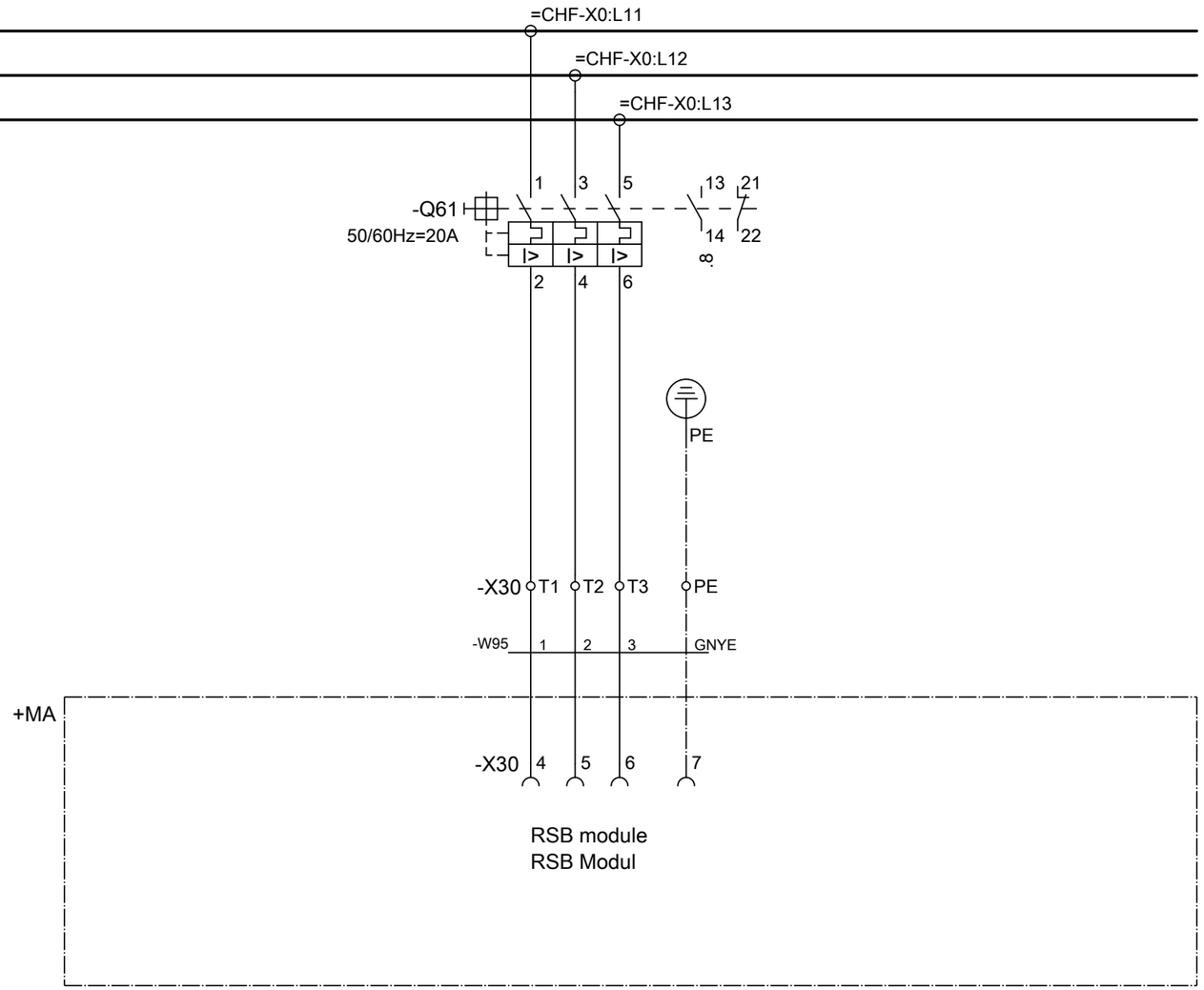


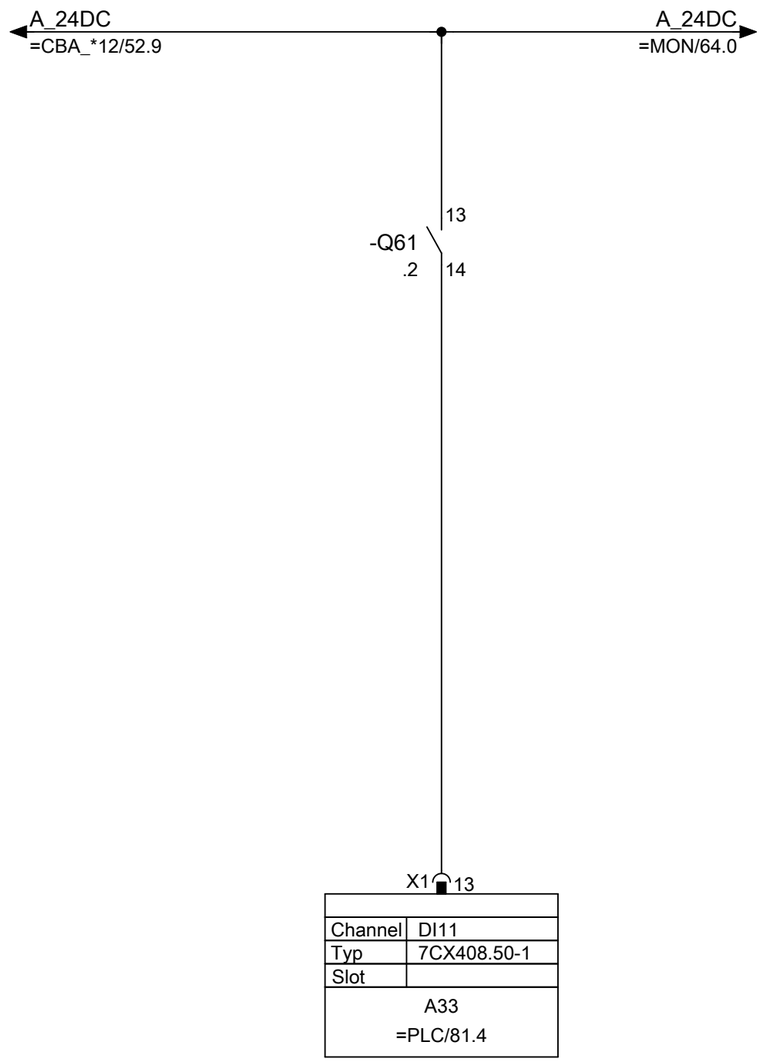


Can changer back
Kannenwechsler zurueck

Can changer forward
Kannenwechsler Vorwaerts

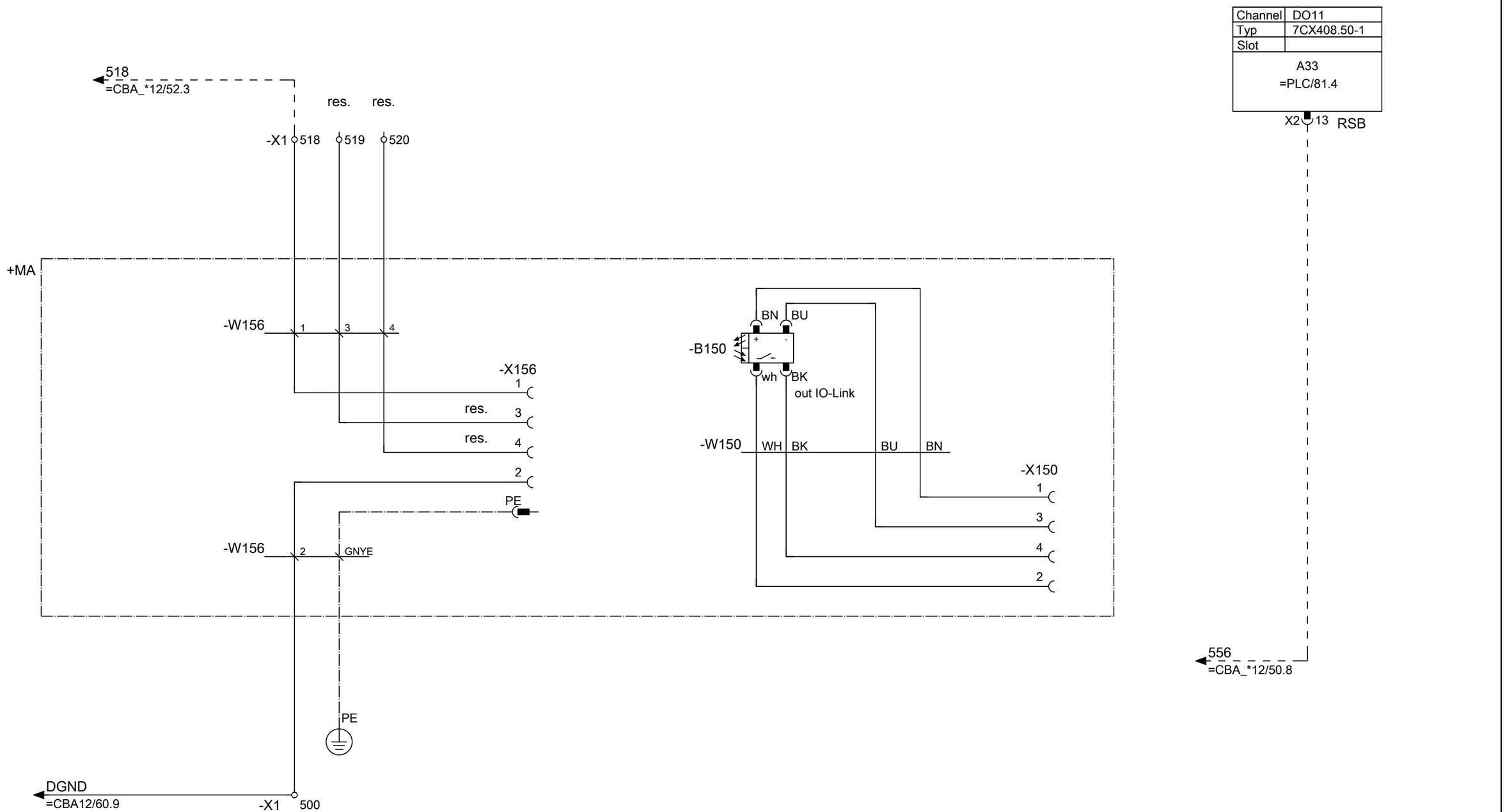
Sliver deposit Bandablage			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CBA12**	before	59
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	=RSB/61
							Page	60 / 175





Motor protection switch. RSB module
Motorschutzschalter. RSB Modul

Sliver deposit Bandablage			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= RSB**	before =CBA12/60
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 62 Page 61 / 175

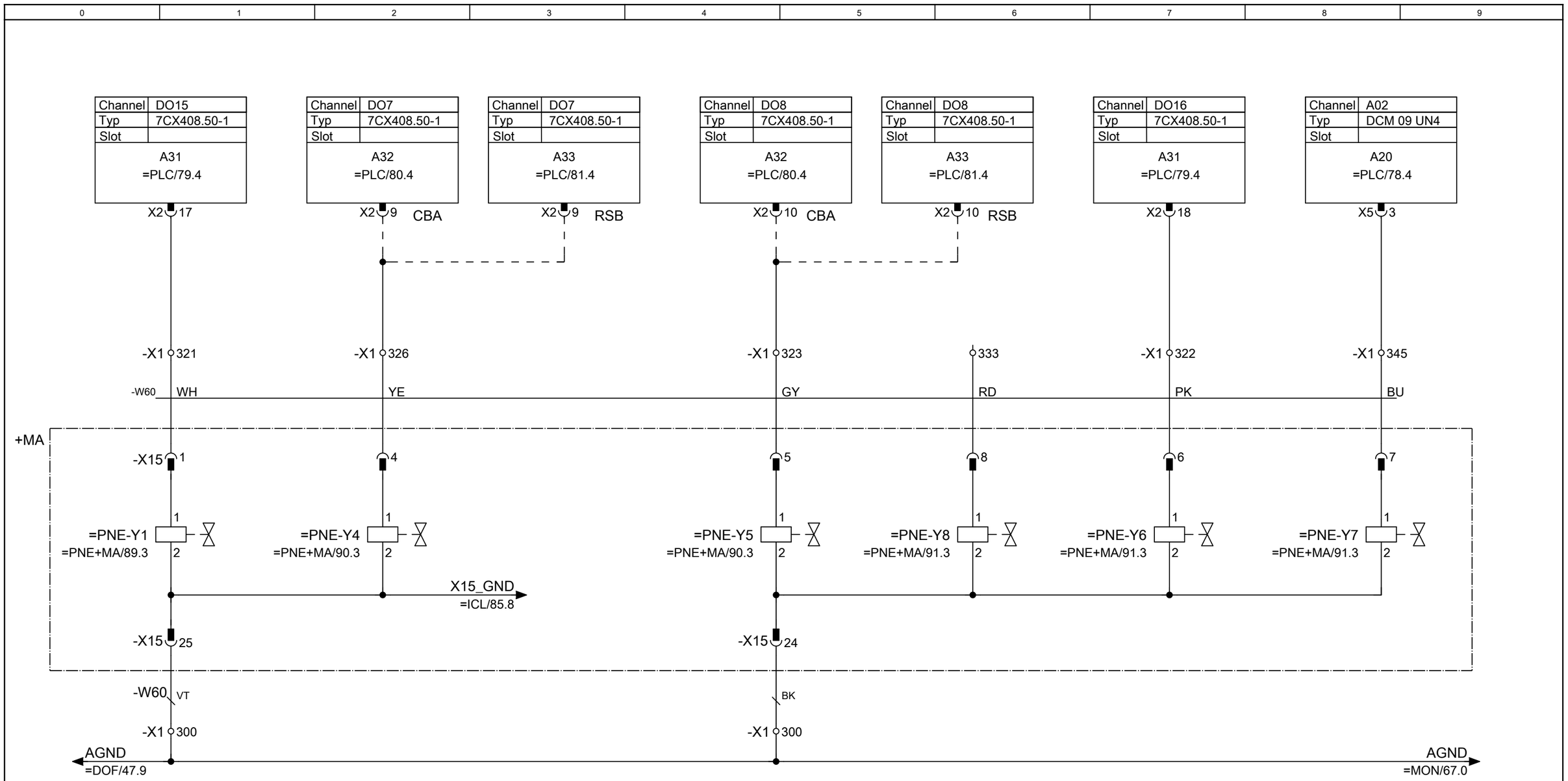


Signal lamp (H1)
H1 Weitleuchte

Sag sensor
Durchhangsensor

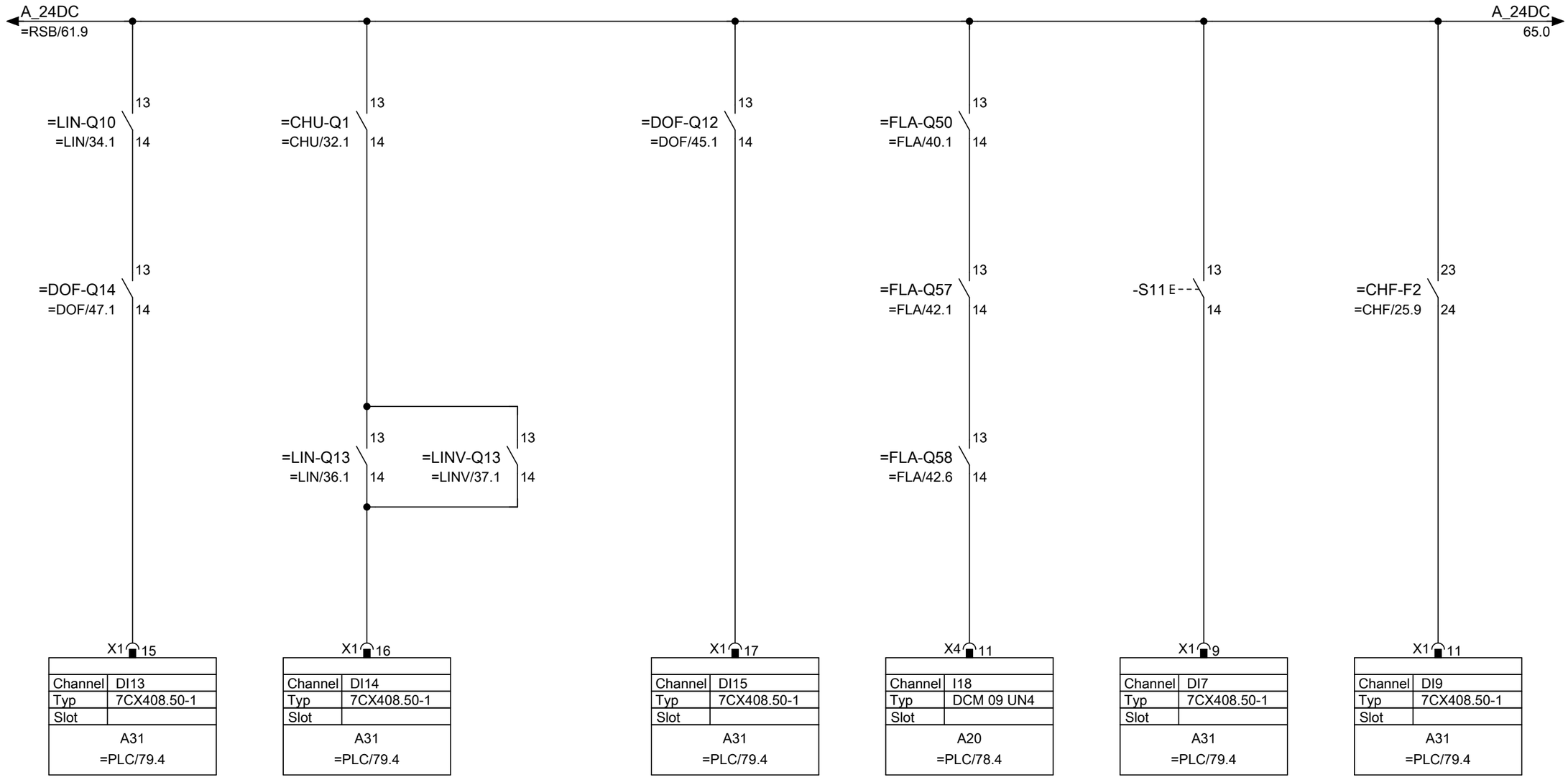
Sliver break
Bandbruch

Control Steuerung			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= RSB**	before 61
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =CLE/63 Page 62 / 175



Air injection, web bridge einblasen Vliesbruecke	Blowing clean of licker-in ausblasen Vorreisser	Flat cleaning unit / Flat section Deckelreinigung / Deckelraum	reserve Reserve
Dispose of waste from web bridge Vliesbruecke entsorgen	Cleaning, flats, feed Reinigung Deckel Einlauf		

blow out ausblasen			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CLE**	before =RSB/62
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =MON/64 Page 63 / 175



Motor protection switch for feed-roller cleaning brush
Motorschutzschalter Speisewalze Putzbuerste

Motor protection switch for licker-in and cylinder
Motorschutzschalter Trommel Vorreisser

Motor protection switch, delivery
Motorschutzschalter Auslauf

Motor protection switch for flat drive unit
Motorschutzschalter Deckelantrieb

Reverse movement of feed roller
Speisewalze rueckwaerts

Monitoring, automatic circuit breaker
Ueberwachung Sicherungsautomat

Monitoring Motor protector switch
Ueberwachung Motorschutzschalter

RIETER Maschinenfabrik Rieter AG
Refer to ISO 16016

Date 2021-11-15

designer L.Zhao
approved by Y.Song

Schema card C75 V1 en/de
Schema Karde C75 V1 en/de

ZNG **11118152**

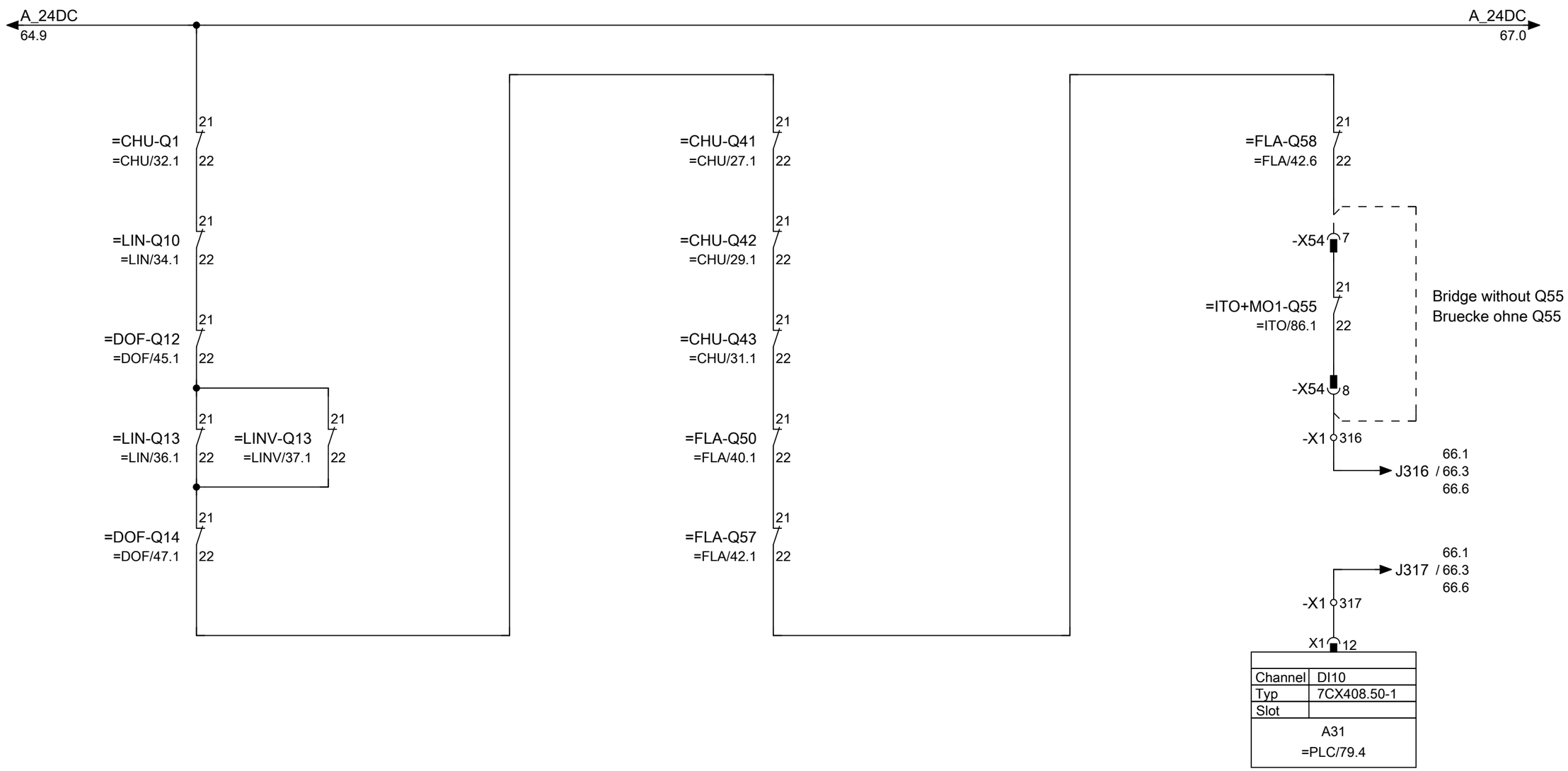
Version 06

Language en/de

= MON

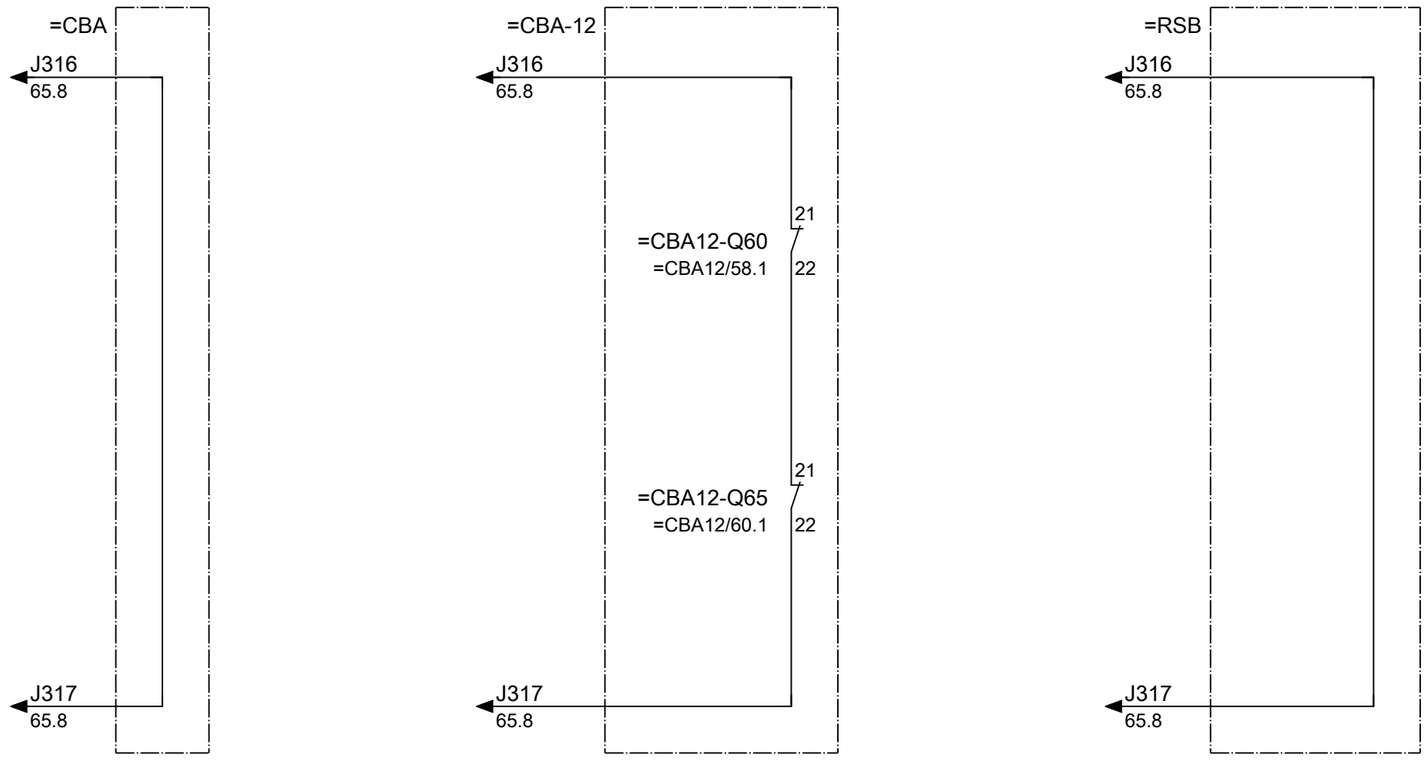
+ EC1

before =CLE/63
next 65
Page 64 / 175



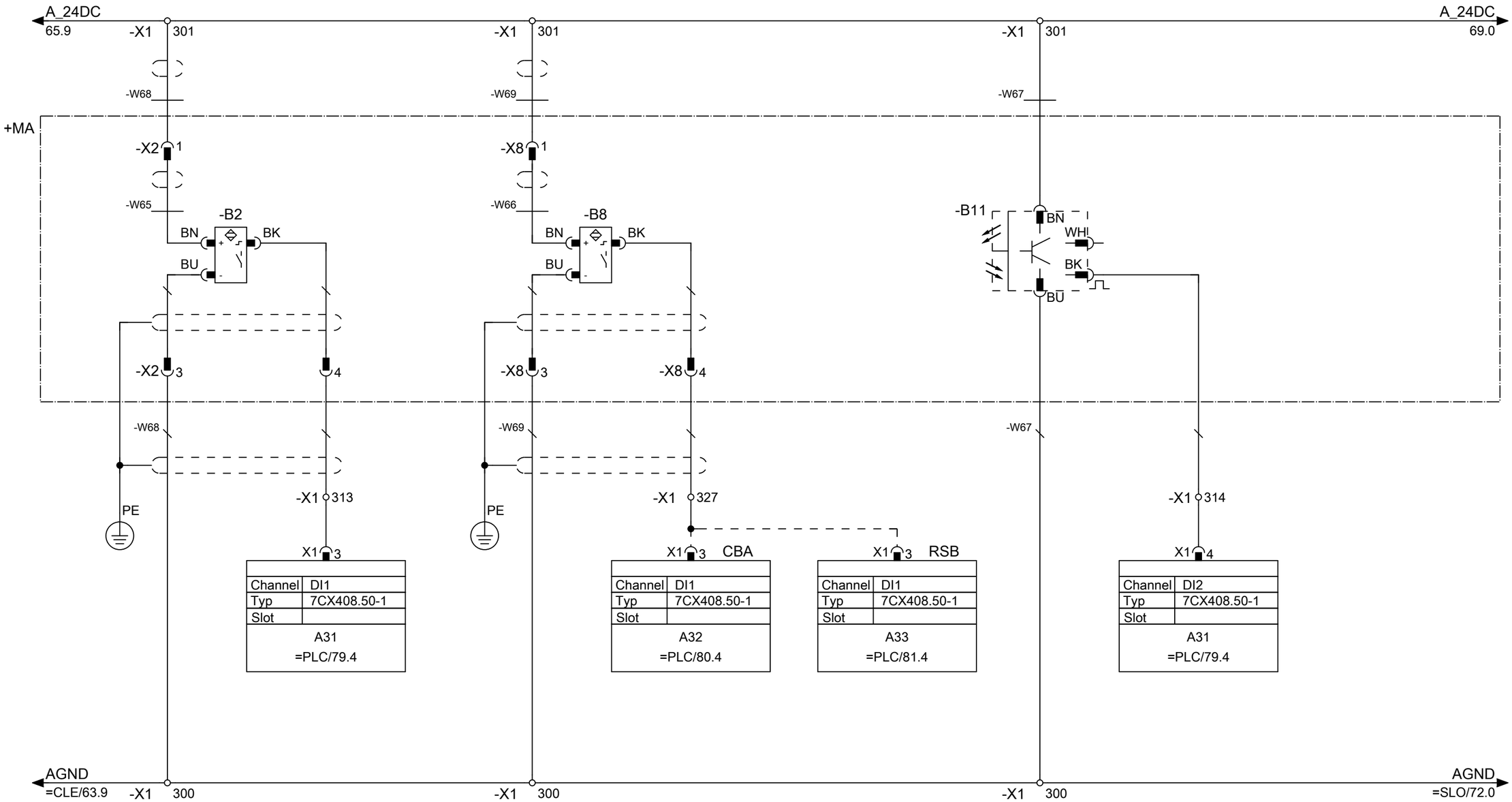
Motor protection switch for deactivation position (test)
Motorschutzschalter Test Ausschaltstellung

Monitoring Motor protector switch Ueberwachung Motorschutzschalter			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= MON**	before 64
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 66 Page 65 / 175



Monitoring Motor protector switch
Ueberwachung Motorschutzschalter

Monitoring, coiler Ueberwachung Bandablage			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= MON	before 65
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 67 Page 66 / 175

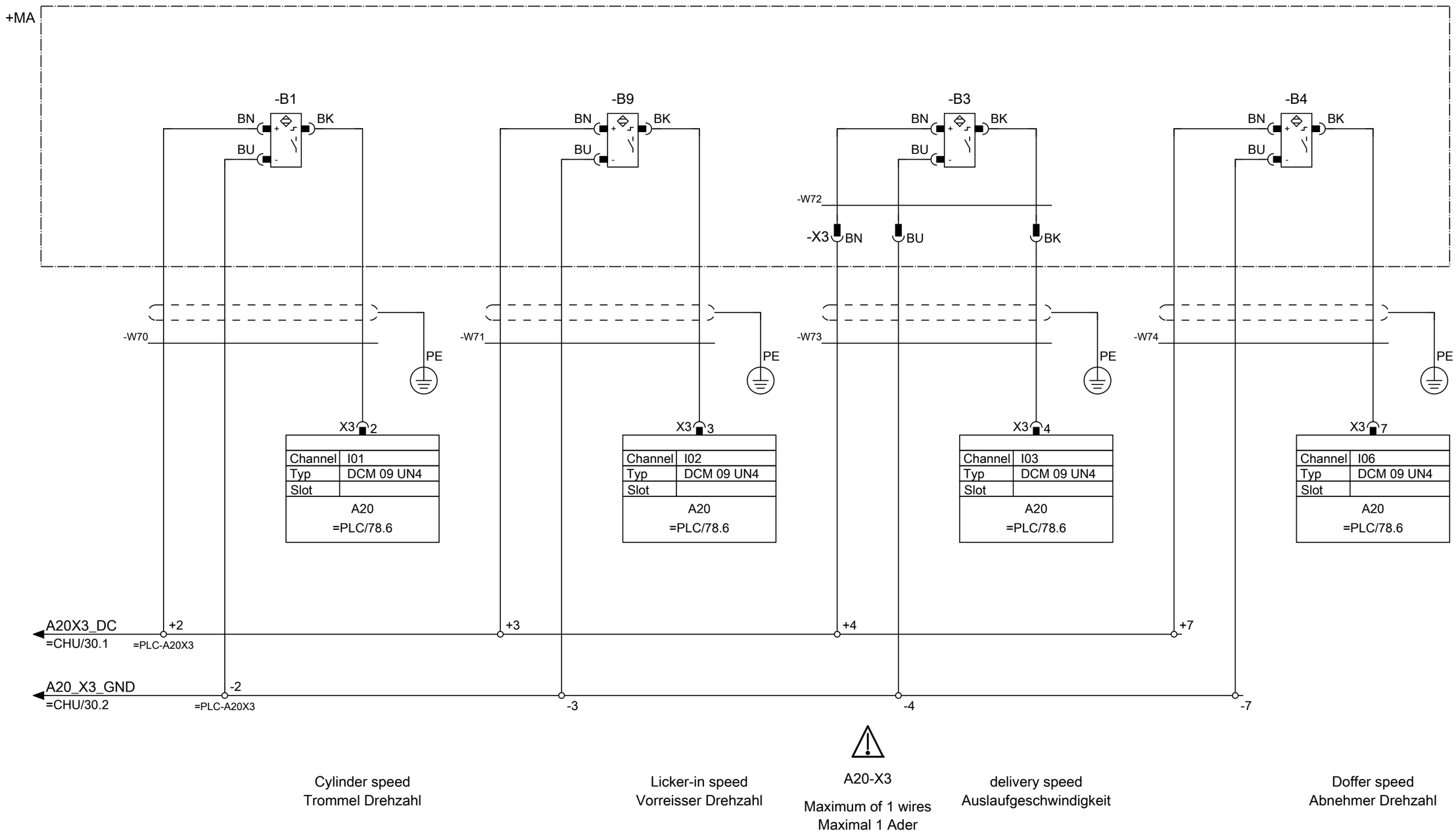


Monitoring, flats
Ueberwachung Deckel

Monitoring, alignment of flats
Ueberwachung Deckelausrichtung

Monitoring, cleaning of flats
Ueberwachung Deckelreinigung

Monitoring, flats Ueberwachung Deckel			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= MON**	before 66
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 68 Page 67 / 175



Speed measuring Drehzahlen			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= MON**	before 67
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 69 Page 68 / 175

A_24DC
67.9

A_24DC
=SLO/71.0

-X1 301

+MA

-B12

1 24V
2 Output
3 GND
4

P

I

Response slow

Offset

-W110 WH BN GN

X6 16 X6 23 X6 4

Channel	I26
Typ	DCM 09 UN4
Slot	

A20
=PLC/78.6

Monitoring vacuum of suction-system
Ueberwachung Unterdruck Absaugung

-W76

+MA

-S9

(3)
COM
P
NC NO
(2)

Bridge without S9
Bruecke ohne S9

-X1 351

X1 10

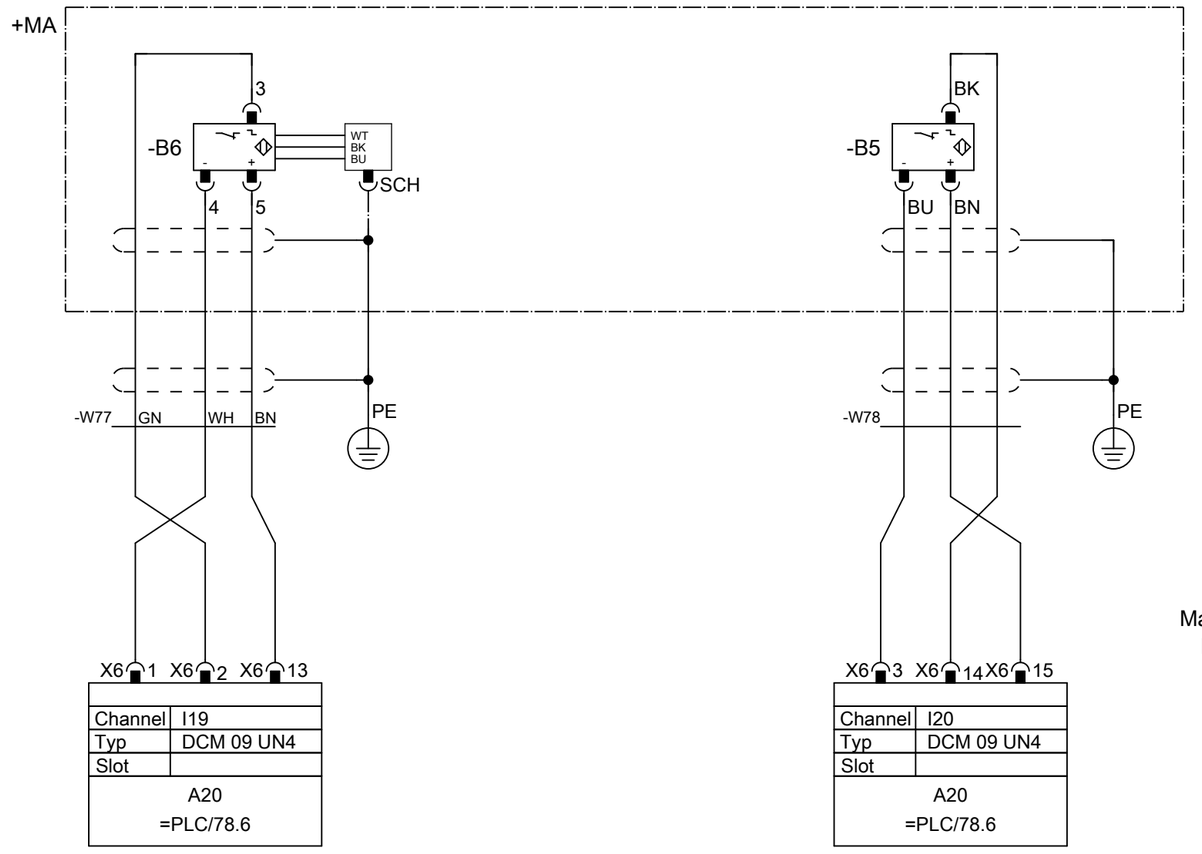
Channel	DI8
Typ	7CX408.50-1
Slot	

A32
=PLC/80.4

Fault, vacuum
Stoerung Unterdruck

Licker-in waste, separated directly
Vorreisser Abgang separat Direkt

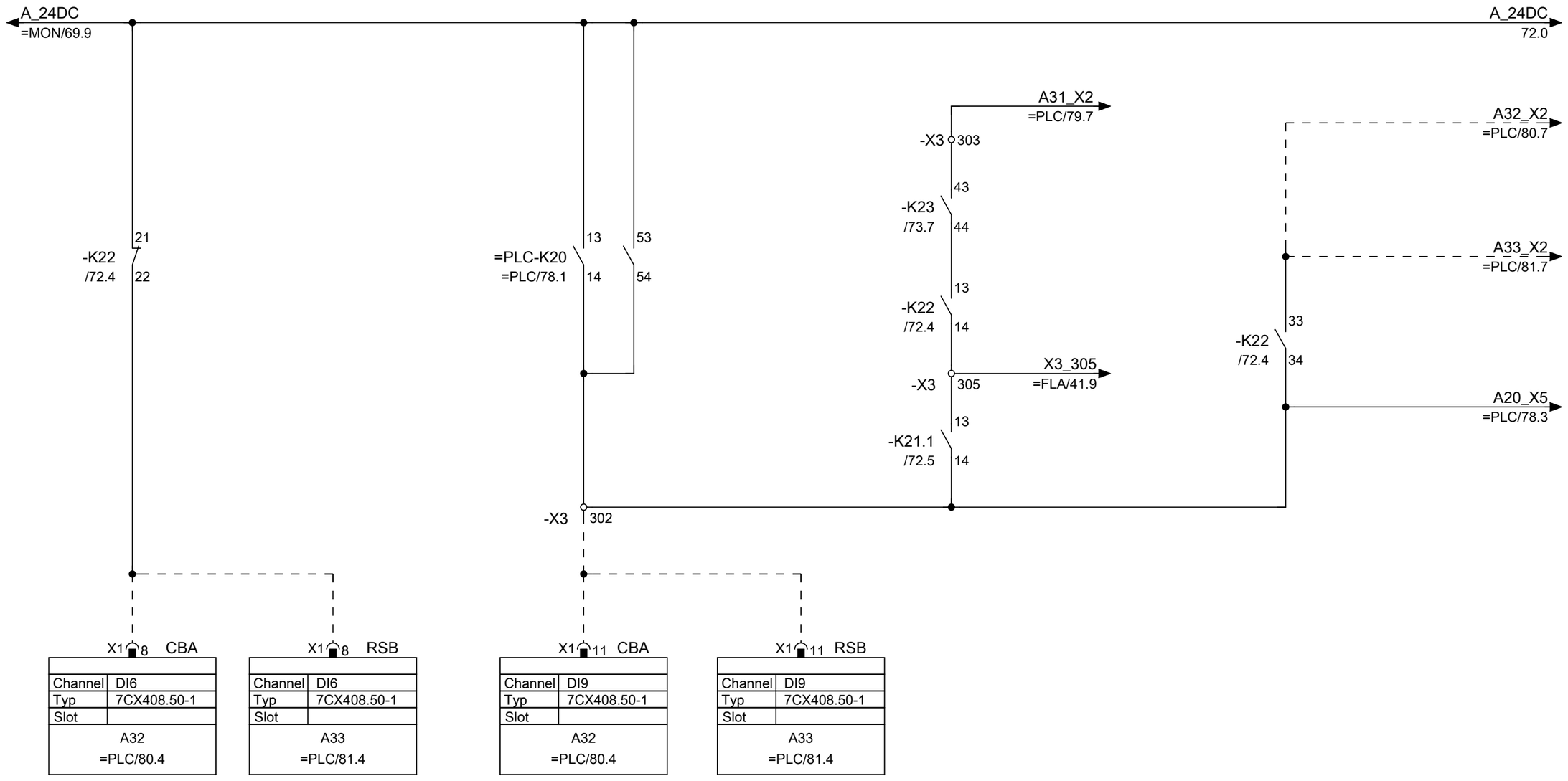
Low Pressure Unterdruck			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= MON**	before 68
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 70 Page 69 / 175



Position transducer at delivery section
Wegmessorgan Auslauf

Position transdducer at feed roller
Wegmessorgan Speisewalze

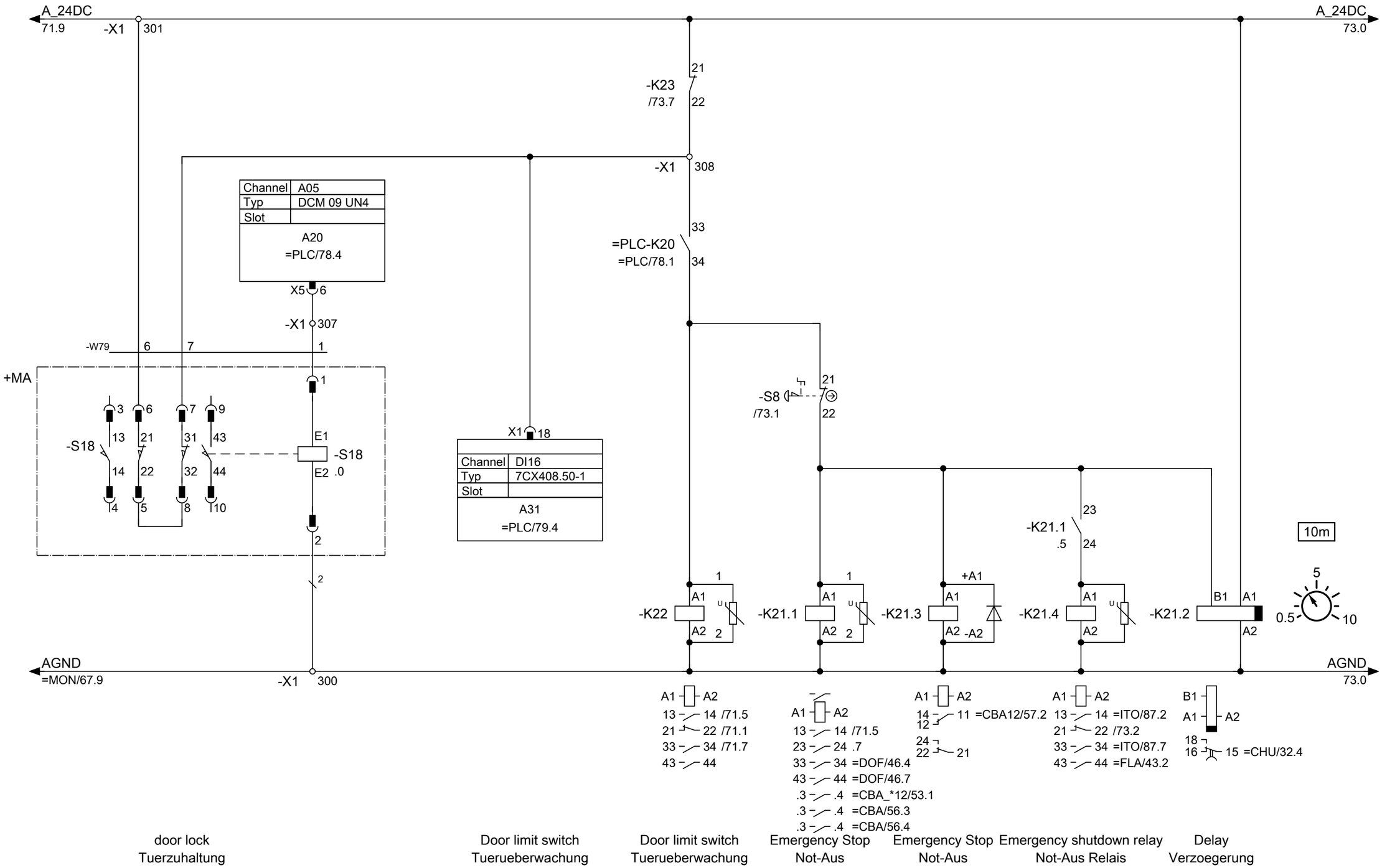
Measuring Messungen			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= MON**	before	69
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	=SLO/71
							Page	70 / 175



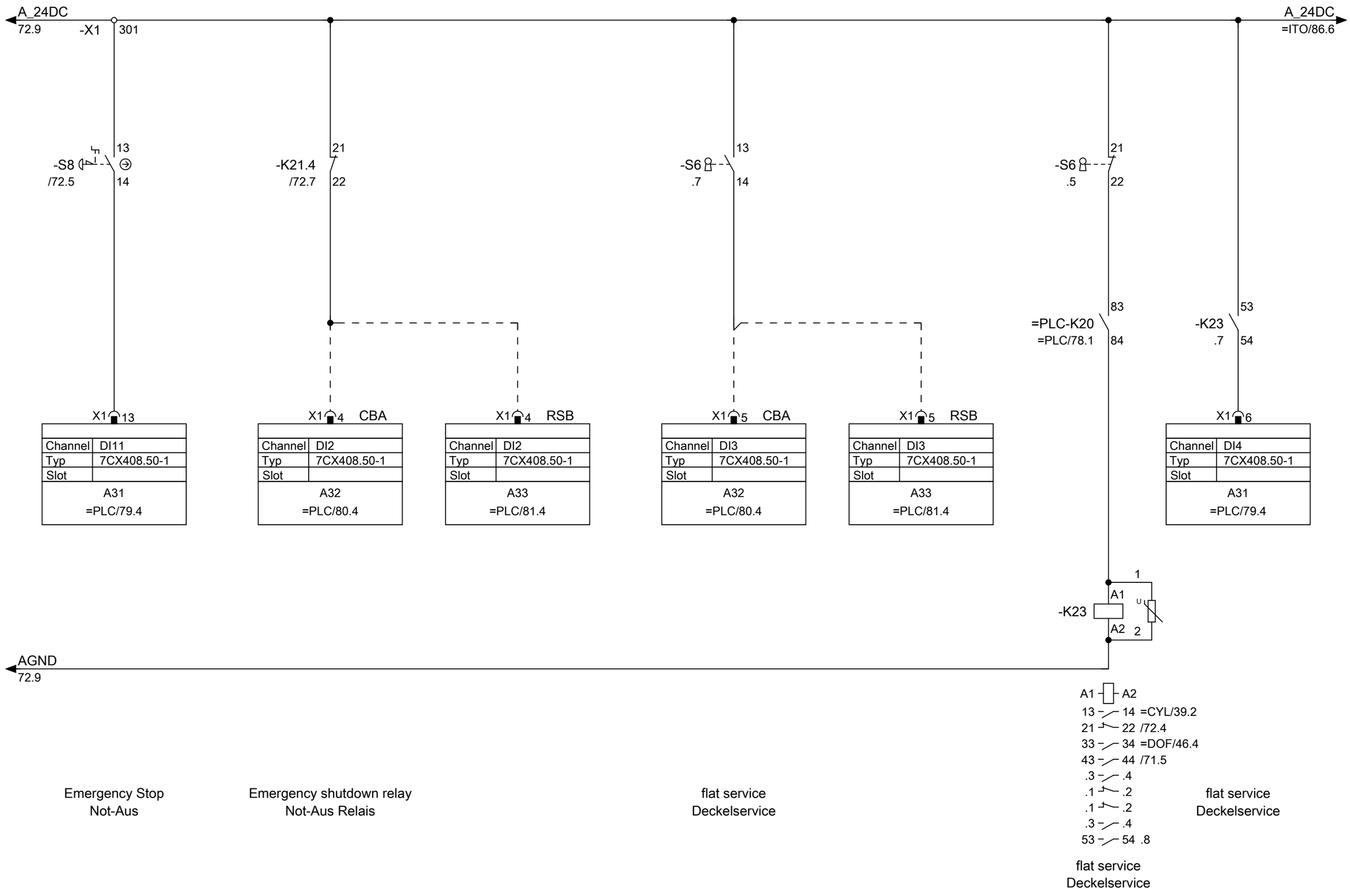
Test door monitoring
Test Tueruebermachung

Test watchdog
Test Watchdog

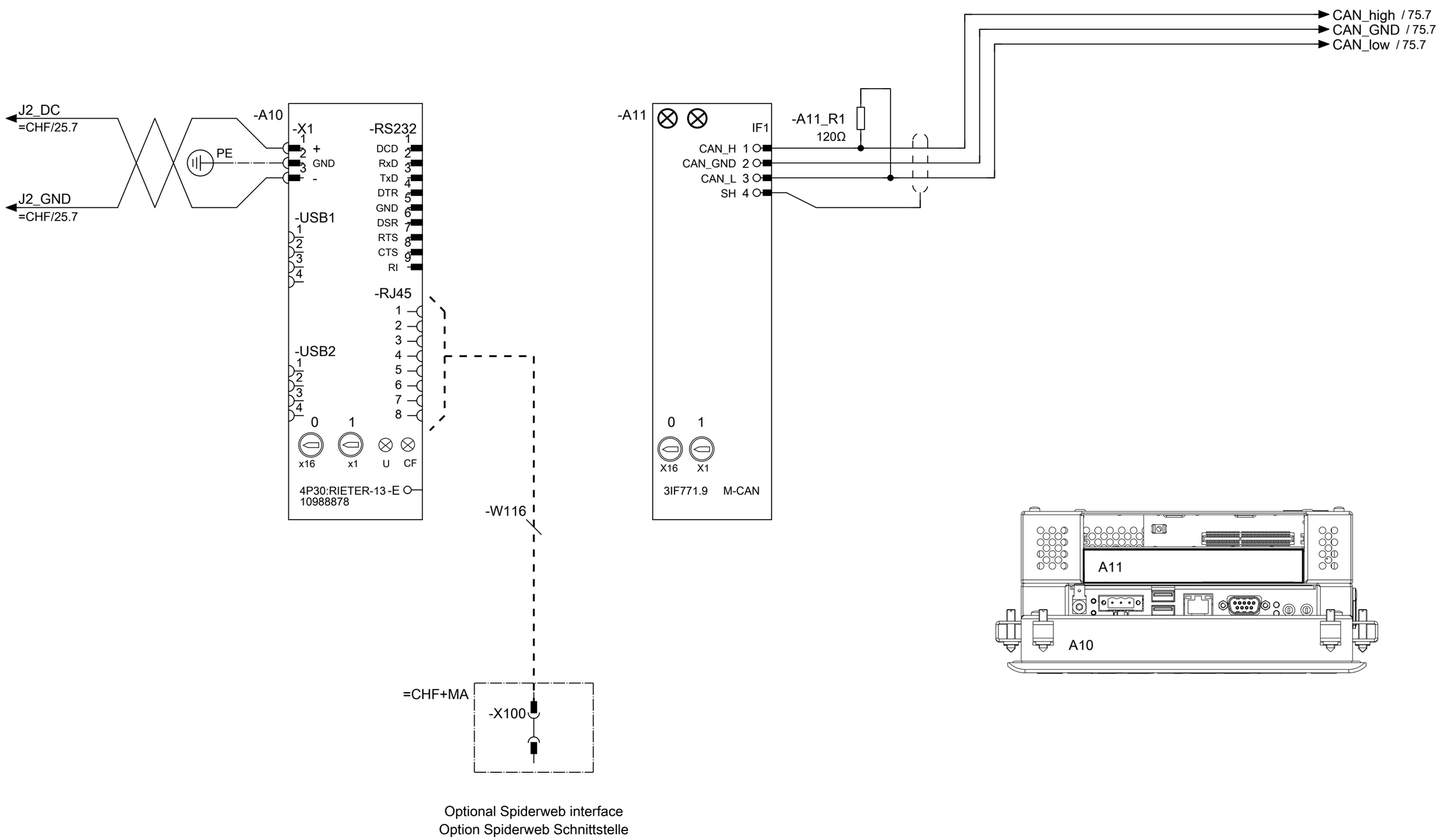
Safety circuit Sicherheitskreis			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= SLO**	before =MON/70
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 72 Page 71 / 175



Safety circuit Sicherheitskreis			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= SLO	before 71
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 73 Page 72 / 175



Safety circuit Sicherheitskreis			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= SLO	before 72
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next =PLC/74 Page 73 / 175



Optional Spiderweb interface
Option Spiderwebb Schnittstelle

CPU CPU			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PLC**	before =SLO/73
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 75 Page 74 / 175

J1_DC
=CHF/25.7

J2._DC
77.6

J1_DC
78.1

74.9 / CAN_high
74.9 / CAN_GND
74.9 / CAN_low

CAN_high / 78.1
CAN_GND / 78.1
CAN_low / 78.1

Ethernet

=RSB-A11

-W158

1 ETH IF1

RRJ_USB
-XA11

1 ETH IF2

1 USB1 IF3

1

1 USB2 IF4

PE

PE

VDC 1
GND 2
X1

6PPT50.101E-16C003
0TB6102.2010-01

=RSB-A10

Status-LED

SPIDERweb

RJ45
Ethernet
IF2

x16 0
x1 1

Ethernet

RJ45
Powerlink
IF3

IF4 IF5 USB
USB

RS232_TX 11
RS232_RX 21
RS232_GND 22
+24V_CP 14
+24V_CP 15
GND 16
+24V_I/O 24
+24V_I/O 25
GND 26

5CFCRD.0512-06

D1+ 1
D1- 2
D2+ 3
D3+ 4
D3- 5
D2- 6
D4+ 7
D4- 8

RxD 1
RxD- 2
TxD 3
NC 4
NC 5
TxD- 6
NC 7
NC 8

-X232

-W232

BN
YE
GN

=RSB-A30

Status-LED

x16 0
x1 1

WH GN BN

CAN GND 1
CAN_L 2
SHLD 3
CAN_H 4
NC 5

IF1

X20IF1072-Set
0TB2105.9110

TERM
Off

-W159

PE

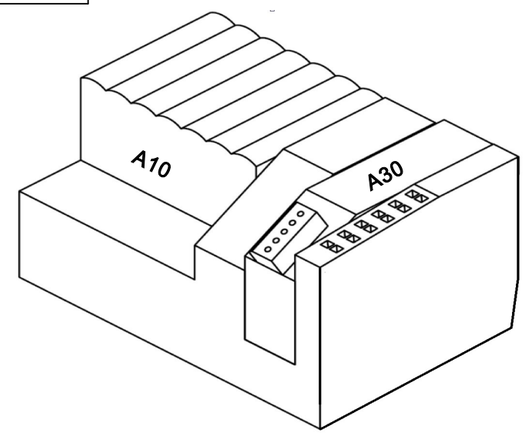
PE

J2._GND
=CHF/25.7

2

J1_GND
=CHF/25.7

J1_GND
78.0

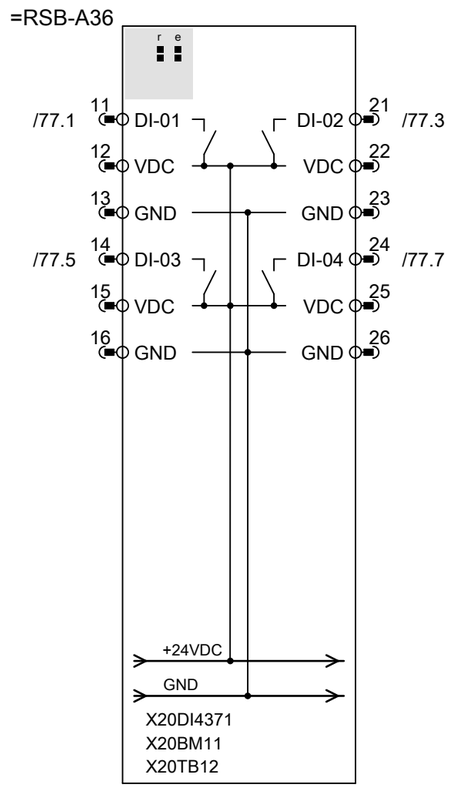


CPU CPU			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= PLC	before	74
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next	76
							Page	75 / 175

0	1	2	3	4	5	6	7	8	9

Machine on
Maschine ein

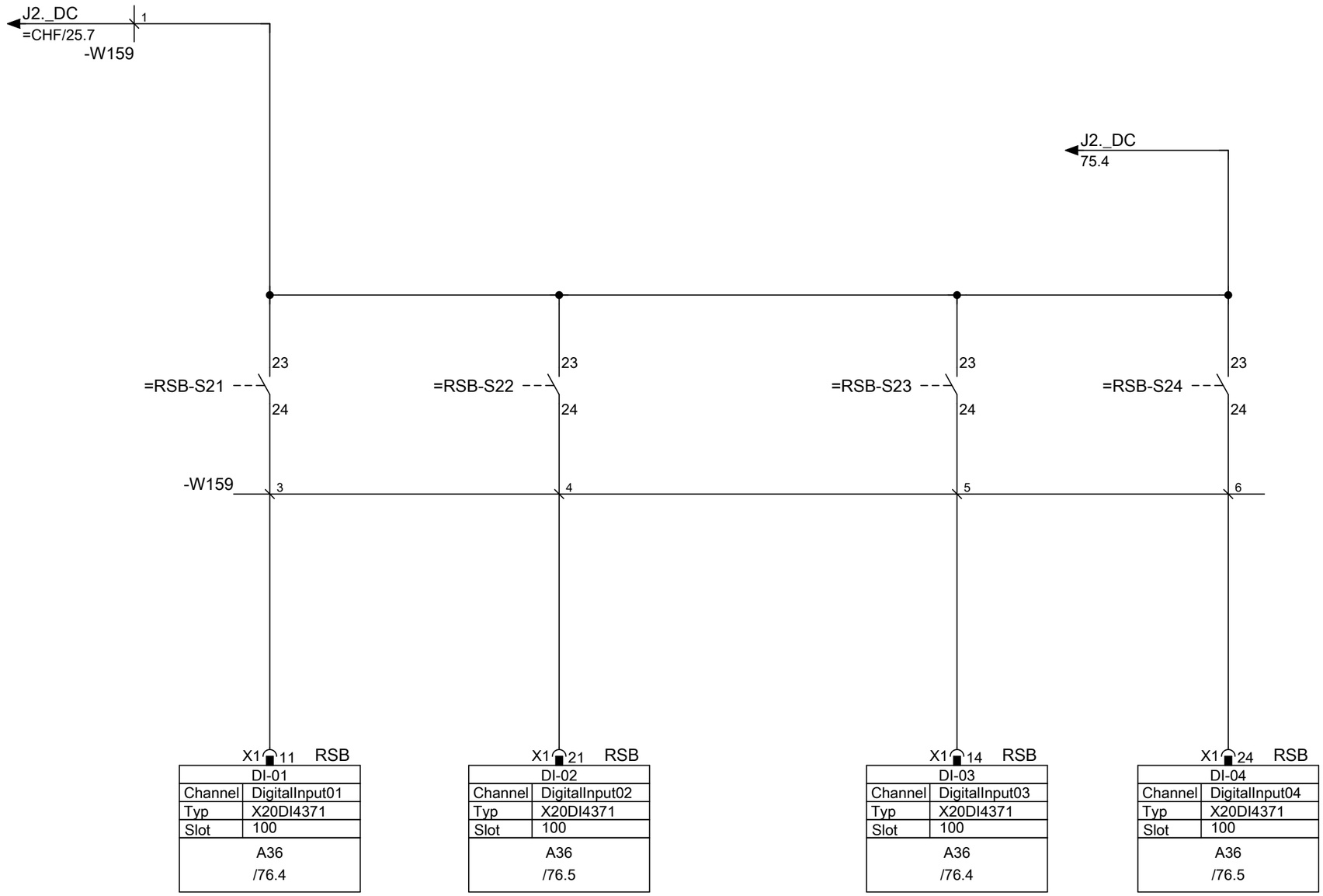
Production on
Produktion ein

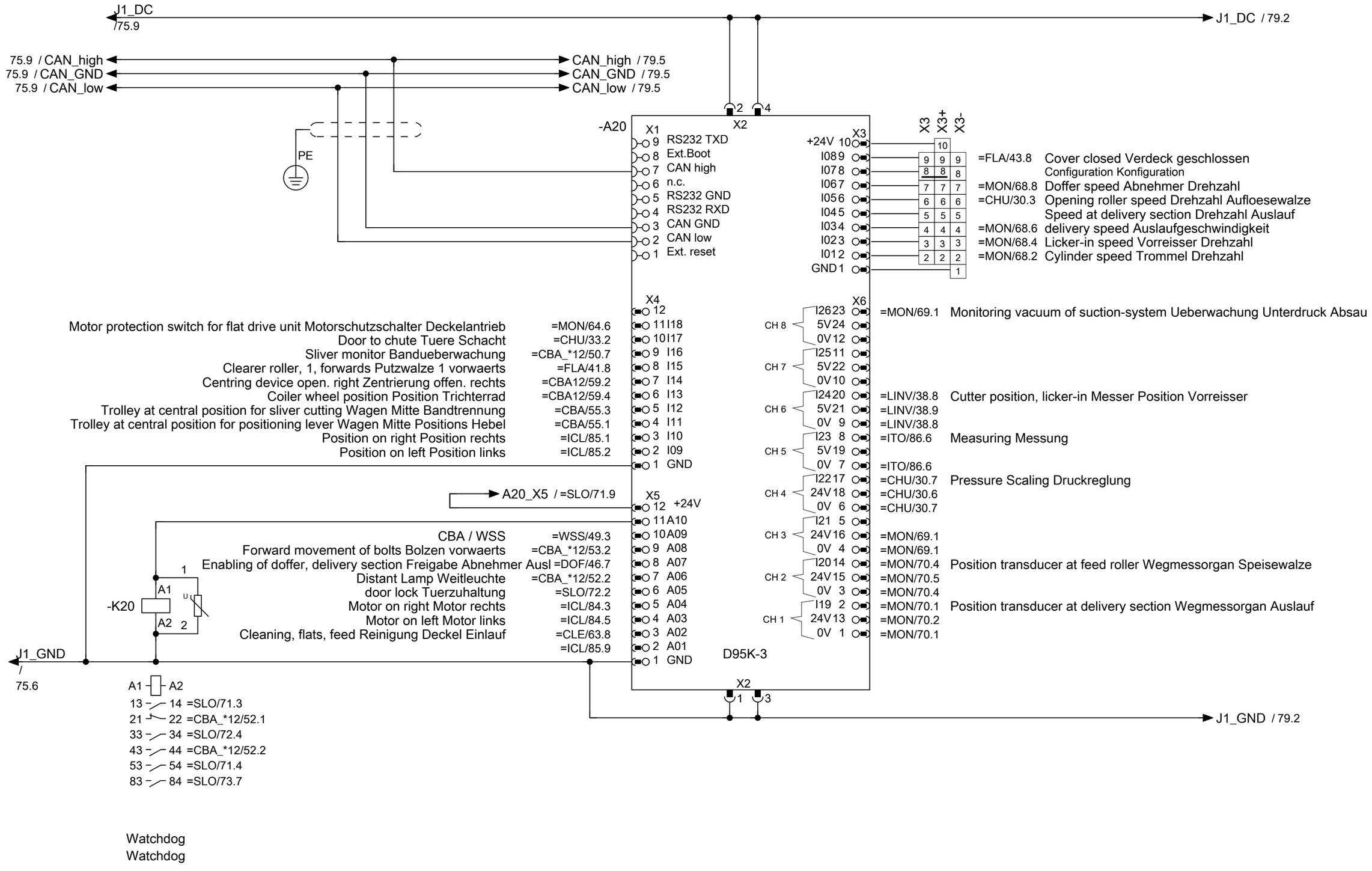


Machine off
Maschine aus

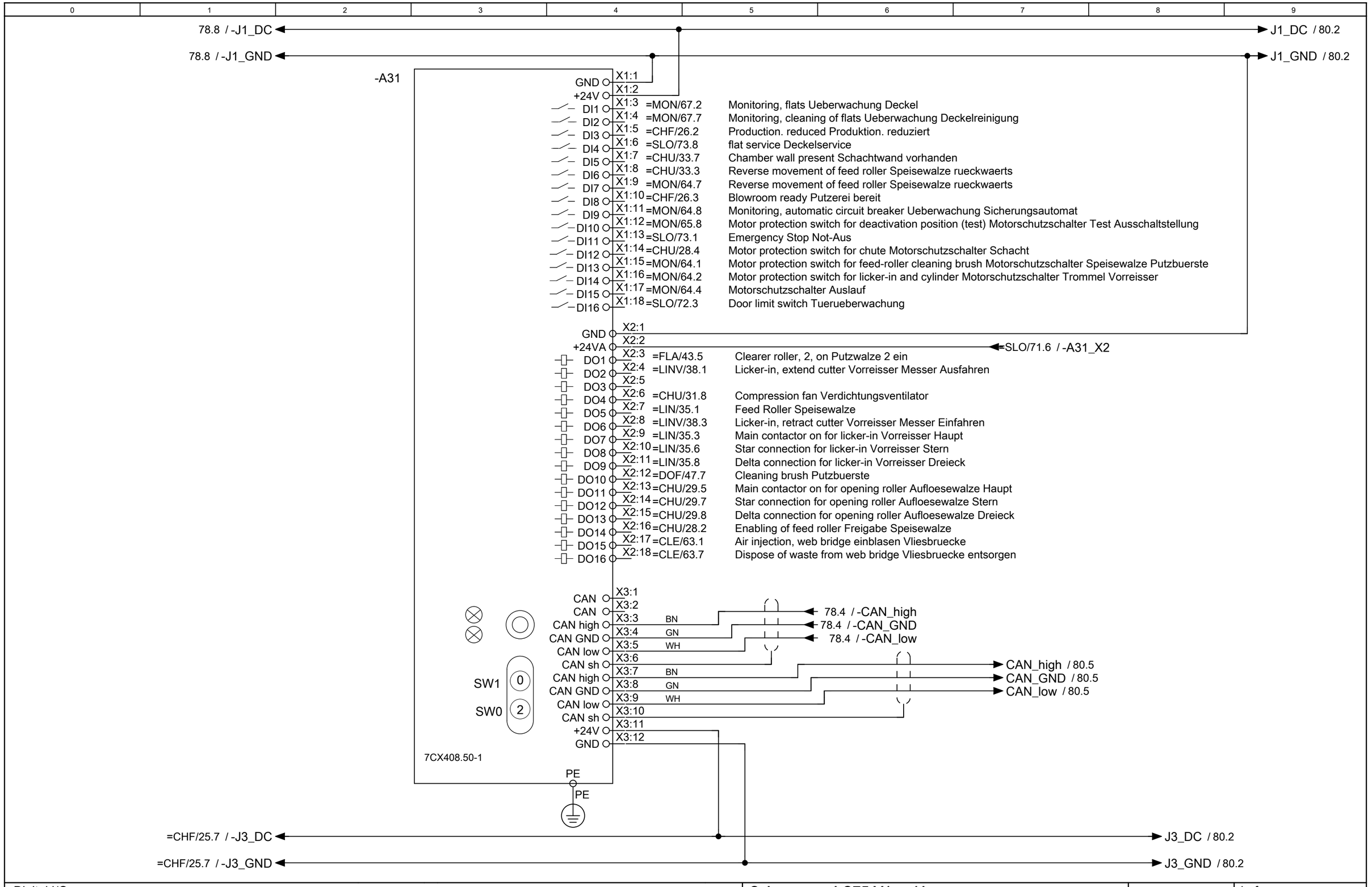
Stop production
Produktion Stoppen

Digital I/O Digitale I/O			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PLC**	before 75
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 77 Page 76 / 175

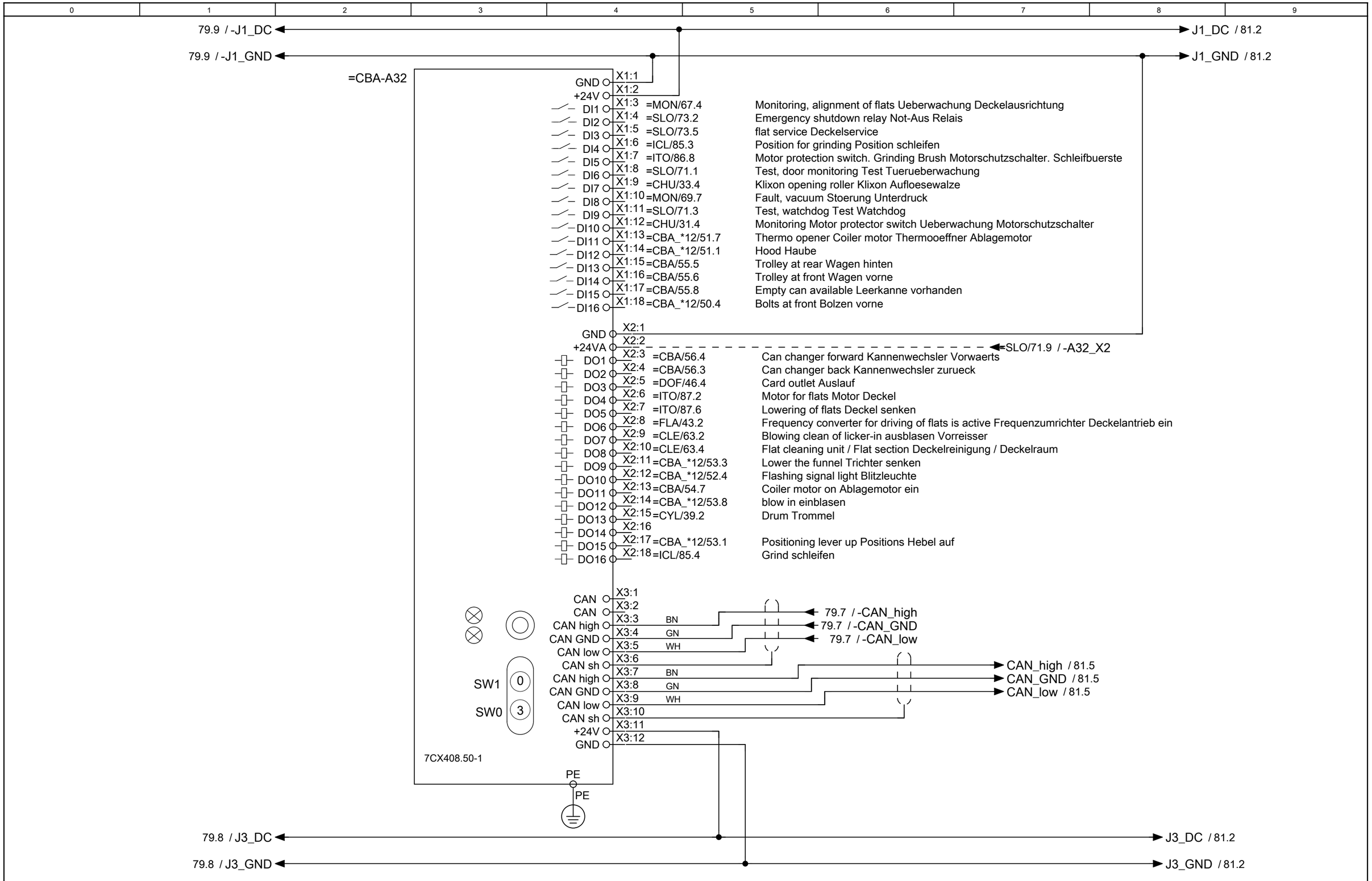

J2._DC
=CHF/25.7
-W159
1
J2._DC
75.4
23
=RSB-S21
24
23
=RSB-S22
24
23
=RSB-S23
24
23
=RSB-S24
24
-W159
3
4
5
6
X1 11 RSB
DI-01
Channel DigitalInput01
Typ X20DI4371
Slot 100
A36
/76.4
X1 21 RSB
DI-02
Channel DigitalInput02
Typ X20DI4371
Slot 100
A36
/76.5
X1 14 RSB
DI-03
Channel DigitalInput03
Typ X20DI4371
Slot 100
A36
/76.4
X1 24 RSB
DI-04
Channel DigitalInput04
Typ X20DI4371
Slot 100
A36
/76.5
Machine on
Maschine ein
Machine off
Maschine aus
Production on
Produktion ein
Stop production
Produktion Stoppen



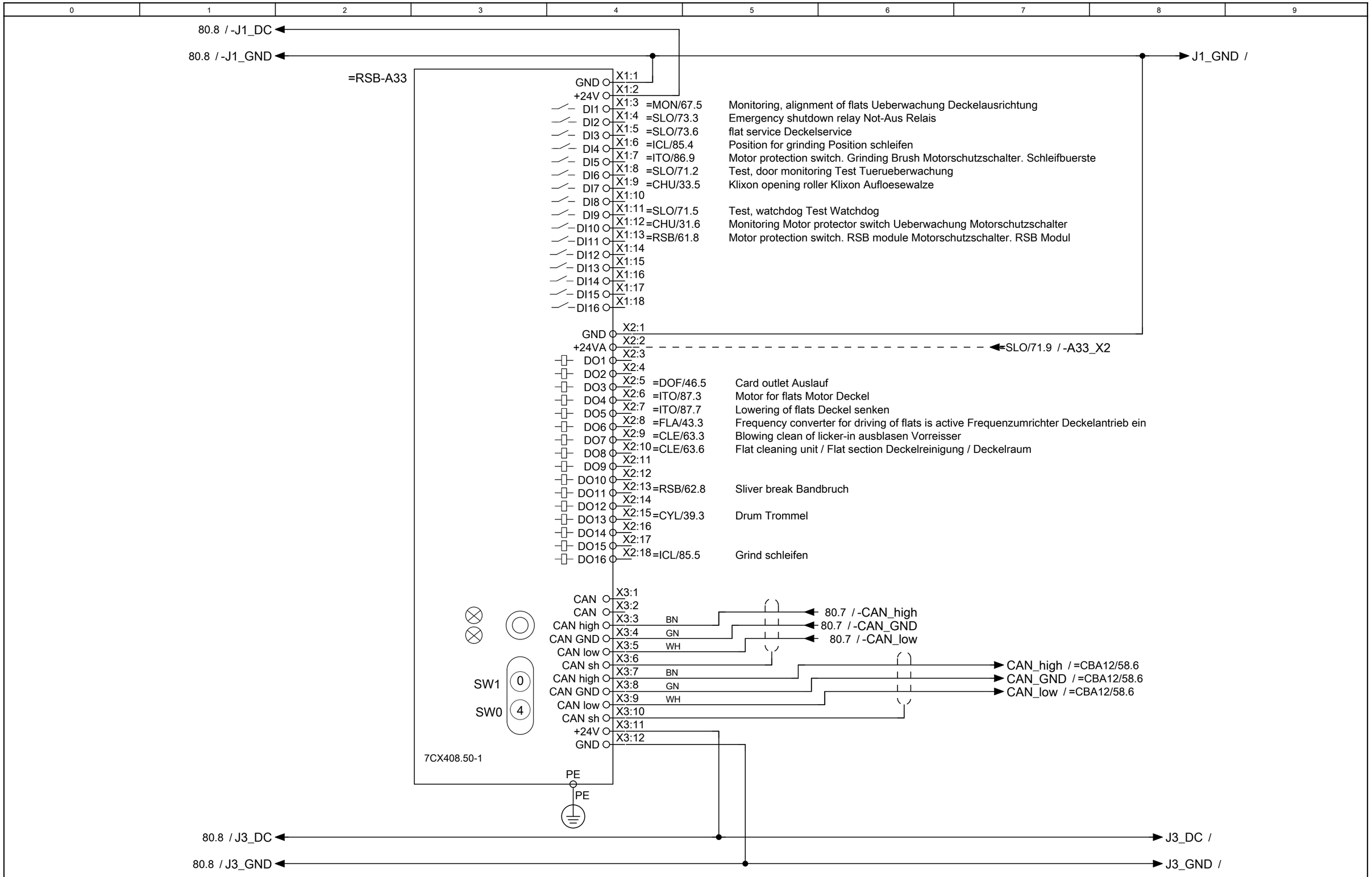
Analog modul Analogmodul			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= PLC	before 77
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next 79 Page 78 / 175


78.8 / -J1_DC
J1_DC / 80.2
78.8 / -J1_GND
J1_GND / 80.2
-A31
GND X1:1
+24V X1:2
DI1 X1:3 =MON/67.2 Monitoring, flats Ueberwachung Deckel
DI2 X1:4 =MON/67.7 Monitoring, cleaning of flats Ueberwachung Deckelreinigung
DI3 X1:5 =CHF/26.2 Production. reduced Produktion. reduziert
DI4 X1:6 =SLO/73.8 flat service Deckelservice
DI5 X1:7 =CHU/33.7 Chamber wall present Schachtwand vorhanden
DI6 X1:8 =CHU/33.3 Reverse movement of feed roller Speisewalze rueckwaerts
DI7 X1:9 =MON/64.7 Reverse movement of feed roller Speisewalze rueckwaerts
DI8 X1:10 =CHF/26.3 Blowroom ready Putzerei bereit
DI9 X1:11 =MON/64.8 Monitoring, automatic circuit breaker Ueberwachung Sicherungsautomat
DI10 X1:12 =MON/65.8 Motor protection switch for deactivation position (test) Motorschutzschalter Test Ausschaltstellung
DI11 X1:13 =SLO/73.1 Emergency Stop Not-Aus
DI12 X1:14 =CHU/28.4 Motor protection switch for chute Motorschutzschalter Schacht
DI13 X1:15 =MON/64.1 Motor protection switch for feed-roller cleaning brush Motorschutzschalter Speisewalze Putzbuerste
DI14 X1:16 =MON/64.2 Motor protection switch for licker-in and cylinder Motorschutzschalter Trommel Vorreisser
DI15 X1:17 =MON/64.4 Motorschutzschalter Auslauf
DI16 X1:18 =SLO/72.3 Door limit switch Tueruebewachung
GND X2:1
+24VA X2:2 =SLO/71.6 / -A31_X2
DO1 X2:3 =FLA/43.5 Clearer roller, 2, on Putzwalze 2 ein
DO2 X2:4 =LINV/38.1 Licker-in, extend cutter Vorreisser Messer Ausfahren
DO3 X2:5
DO4 X2:6 =CHU/31.8 Compression fan Verdichtungsventilator
DO5 X2:7 =LIN/35.1 Feed Roller Speisewalze
DO6 X2:8 =LINV/38.3 Licker-in, retract cutter Vorreisser Messer Einfahren
DO7 X2:9 =LIN/35.3 Main contactor on for licker-in Vorreisser Haupt
DO8 X2:10 =LIN/35.6 Star connection for licker-in Vorreisser Stern
DO9 X2:11 =LIN/35.8 Delta connection for licker-in Vorreisser Dreieck
DO10 X2:12 =DOF/47.7 Cleaning brush Putzbuerste
DO11 X2:13 =CHU/29.5 Main contactor on for opening roller Aufloesewalze Haupt
DO12 X2:14 =CHU/29.7 Star connection for opening roller Aufloesewalze Stern
DO13 X2:15 =CHU/29.8 Delta connection for opening roller Aufloesewalze Dreieck
DO14 X2:16 =CHU/28.2 Enabling of feed roller Freigabe Speisewalze
DO15 X2:17 =CLE/63.1 Air injection, web bridge einblasen Vliesbruecke
DO16 X2:18 =CLE/63.7 Dispose of waste from web bridge Vliesbruecke entsorgen
CAN X3:1
CAN X3:2
CAN high X3:3 BN
CAN GND X3:4 GN
CAN low X3:5 WH
CAN sh X3:6
CAN high X3:7 BN
CAN GND X3:8 GN
CAN low X3:9 WH
CAN sh X3:10
+24V X3:11
GND X3:12
78.4 / -CAN_high
78.4 / -CAN_GND
78.4 / -CAN_low
CAN_high / 80.5
CAN_GND / 80.5
CAN_low / 80.5
SW1 0
SW0 2
7CX408.50-1
PE
PE
=CHF/25.7 / -J3_DC
J3_DC / 80.2
=CHF/25.7 / -J3_GND
J3_GND / 80.2

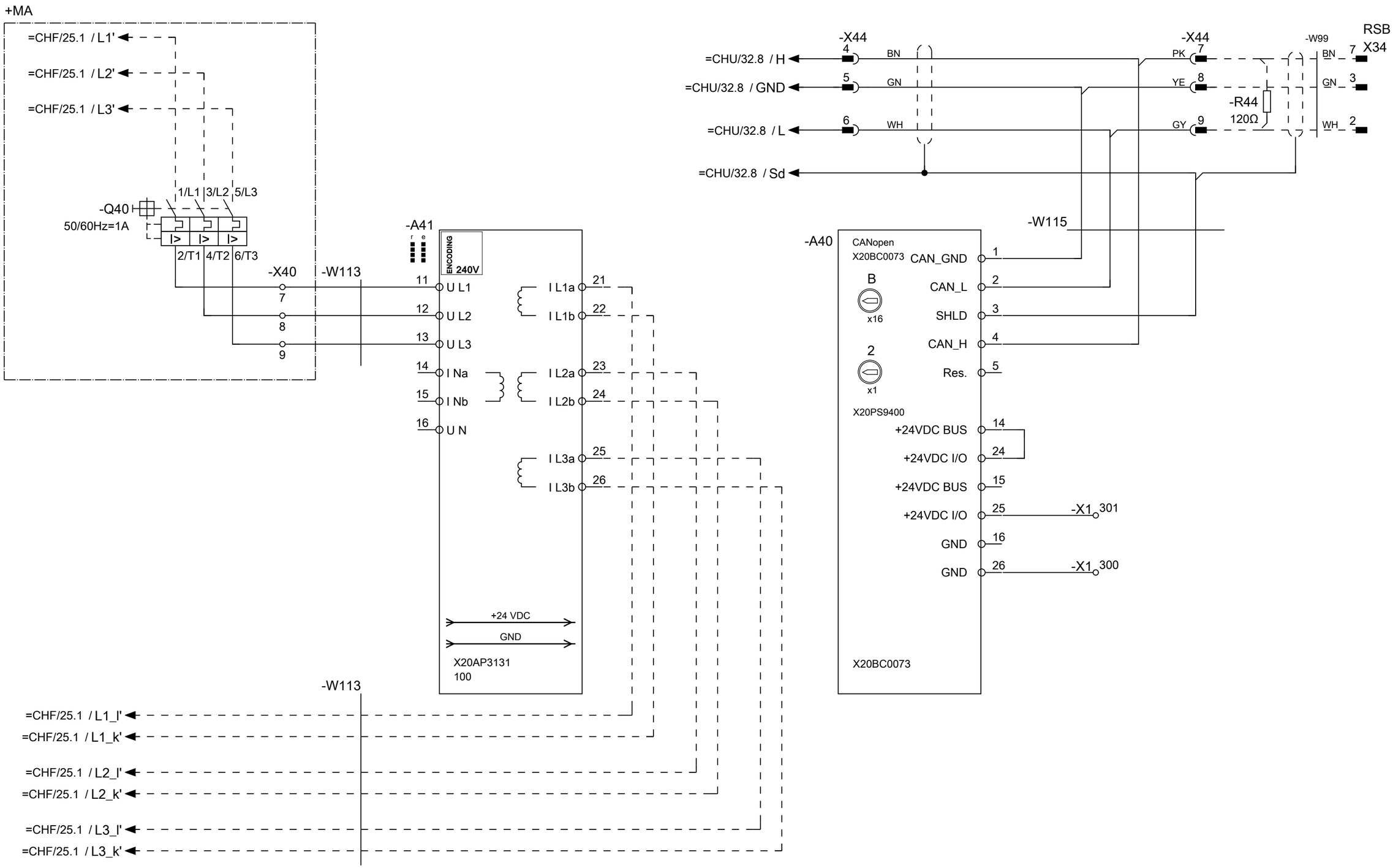
Digital I/O Digitale I/O			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PLC**	before	78
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next	80
							Page	79 / 175


79.9 / -J1_DC
J1_DC / 81.2
79.9 / -J1_GND
J1_GND / 81.2
=CBA-A32
GND X1:1
+24V X1:2
DI1 X1:3 =MON/67.4 Monitoring, alignment of flats Ueberwachung Deckelausrichtung
DI2 X1:4 =SLO/73.2 Emergency shutdown relay Not-Aus Relais
DI3 X1:5 =SLO/73.5 flat service Deckelservice
DI4 X1:6 =ICL/85.3 Position for grinding Position schleifen
DI5 X1:7 =ITO/86.8 Motor protection switch. Grinding Brush Motorschutzschalter. Schleifbuerste
DI6 X1:8 =SLO/71.1 Test, door monitoring Test Tueruebeerwachung
DI7 X1:9 =CHU/33.4 Klixon opening roller Klixon Aufloesewalze
DI8 X1:10 =MON/69.7 Fault, vacuum Stoerung Unterdruck
DI9 X1:11 =SLO/71.3 Test, watchdog Test Watchdog
DI10 X1:12 =CHU/31.4 Monitoring Motor protector switch Ueberwachung Motorschutzschalter
DI11 X1:13 =CBA_*12/51.7 Thermo opener Coiler motor Thermooeffner Ablagemotor
DI12 X1:14 =CBA_*12/51.1 Hood Haube
DI13 X1:15 =CBA/55.5 Trolley at rear Wagen hinten
DI14 X1:16 =CBA/55.6 Trolley at front Wagen vorne
DI15 X1:17 =CBA/55.8 Empty can available Leerkanne vorhanden
DI16 X1:18 =CBA_*12/50.4 Bolts at front Bolzen vorne
GND X2:1
+24VA X2:2
=SLO/71.9 / -A32_X2
DO1 X2:3 =CBA/56.4 Can changer forward Kannenwechsler Vorwaerts
DO2 X2:4 =CBA/56.3 Can changer back Kannenwechsler zurueck
DO3 X2:5 =DOF/46.4 Card outlet Auslauf
DO4 X2:6 =ITO/87.2 Motor for flats Motor Deckel
DO5 X2:7 =ITO/87.6 Lowering of flats Deckel senken
DO6 X2:8 =FLA/43.2 Frequency converter for driving of flats is active Frequenzumrichter Deckelantrieb ein
DO7 X2:9 =CLE/63.2 Blowing clean of licker-in ausblasen Vorreisser
DO8 X2:10 =CLE/63.4 Flat cleaning unit / Flat section Deckelreinigung / Deckelraum
DO9 X2:11 =CBA_*12/53.3 Lower the funnel Trichter senken
DO10 X2:12 =CBA_*12/52.4 Flashing signal light Blitzleuchte
DO11 X2:13 =CBA/54.7 Coiler motor on Ablagemotor ein
DO12 X2:14 =CBA_*12/53.8 blow in einblasen
DO13 X2:15 =CYL/39.2 Drum Trommel
DO14 X2:16
DO15 X2:17 =CBA_*12/53.1 Positioning lever up Positions Hebel auf
DO16 X2:18 =ICL/85.4 Grind schleifen
CAN X3:1
CAN X3:2
CAN high X3:3 BN
CAN GND X3:4 GN
CAN low X3:5 WH
CAN sh X3:6
CAN high X3:7 BN
CAN GND X3:8 GN
CAN low X3:9 WH
CAN sh X3:10
+24V X3:11
GND X3:12
79.7 / -CAN_high
79.7 / -CAN_GND
79.7 / -CAN_low
CAN_high / 81.5
CAN_GND / 81.5
CAN_low / 81.5
SW1 0
SW0 3
7CX408.50-1
PE
PE
79.8 / J3_DC
79.8 / J3_GND
J3_DC / 81.2
J3_GND / 81.2

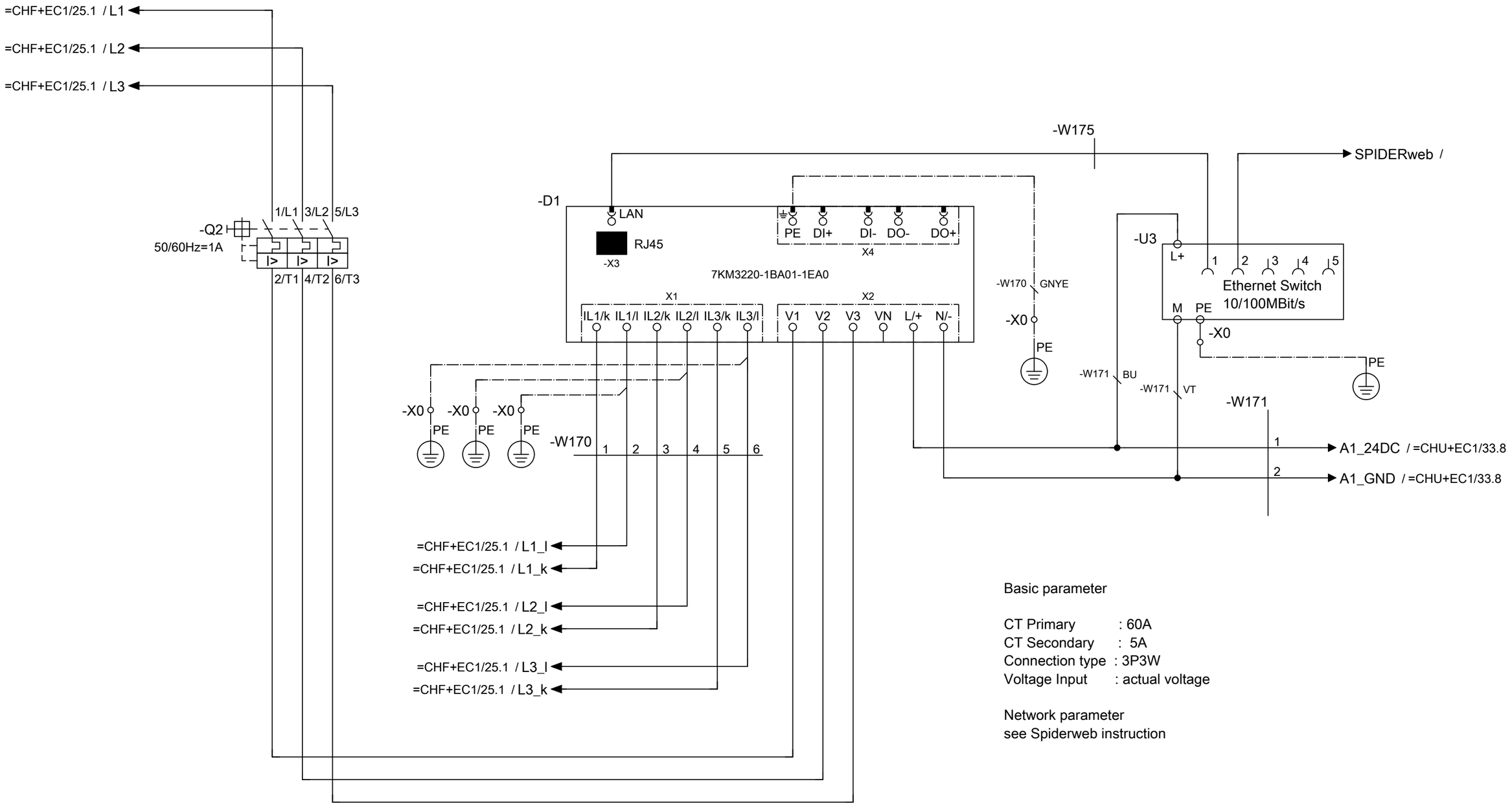
Digital I/O Digitale I/O			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PLC**	before 79
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 81 Page 80 / 175


80.8 / -J1_DC
80.8 / -J1_GND
J1_GND /
=RSB-A33
GND X1:1
+24V X1:2
DI1 X1:3 =MON/67.5 Monitoring, alignment of flats Ueberwachung Deckelausrichtung
DI2 X1:4 =SLO/73.3 Emergency shutdown relay Not-Aus Relais
DI3 X1:5 =SLO/73.6 flat service Deckelservice
DI4 X1:6 =ICL/85.4 Position for grinding Position schleifen
DI5 X1:7 =ITO/86.9 Motor protection switch. Grinding Brush Motorschutzschalter. Schleifbuerste
DI6 X1:8 =SLO/71.2 Test, door monitoring Test Tueruebeberwachung
DI7 X1:9 =CHU/33.5 Klixon opening roller Klixon Aufloesewalze
DI8 X1:10
DI9 X1:11 =SLO/71.5 Test, watchdog Test Watchdog
DI10 X1:12 =CHU/31.6 Monitoring Motor protector switch Ueberwachung Motorschutzschalter
DI11 X1:13 =RSB/61.8 Motor protection switch. RSB module Motorschutzschalter. RSB Modul
DI12 X1:14
DI13 X1:15
DI14 X1:16
DI15 X1:17
DI16 X1:18
GND X2:1
+24VA X2:2
=SLO/71.9 / -A33_X2
DO1 X2:3
DO2 X2:4
DO3 X2:5 =DOF/46.5 Card outlet Auslauf
DO4 X2:6 =ITO/87.3 Motor for flats Motor Deckel
DO5 X2:7 =ITO/87.7 Lowering of flats Deckel senken
DO6 X2:8 =FLA/43.3 Frequency converter for driving of flats is active Frequenzumrichter Deckelantrieb ein
DO7 X2:9 =CLE/63.3 Blowing clean of licker-in ausblasen Vorreisser
DO8 X2:10 =CLE/63.6 Flat cleaning unit / Flat section Deckelreinigung / Deckelraum
DO9 X2:11
DO10 X2:12
DO11 X2:13 =RSB/62.8 Sliver break Bandbruch
DO12 X2:14
DO13 X2:15 =CYL/39.3 Drum Trommel
DO14 X2:16
DO15 X2:17
DO16 X2:18 =ICL/85.5 Grind schleifen
CAN X3:1
CAN X3:2
CAN high X3:3 BN
CAN GND X3:4 GN
CAN low X3:5 WH
CAN sh X3:6
CAN high X3:7 BN
CAN GND X3:8 GN
CAN low X3:9 WH
CAN sh X3:10
+24V X3:11
GND X3:12
80.7 / -CAN_high
80.7 / -CAN_GND
80.7 / -CAN_low
CAN_high / =CBA12/58.6
CAN_GND / =CBA12/58.6
CAN_low / =CBA12/58.6
SW1 0
SW0 4
7CX408.50-1
PE
PE
80.8 / J3_DC
80.8 / J3_GND
J3_DC /
J3_GND /

Digital I/O Digitale I/O			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PLC**	before 80
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =PM/82 Page 81 / 175



Option Power Monitoring RSB			Schema card C75 V1 en/de Schema Karde C75 V1 en/de			= PM	before =PLC/81
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG 11118152	Version 06	Language en/de	+ EC1	next +MA/83 Page 82 / 175



Basic parameter

CT Primary : 60A
CT Secondary : 5A
Connection type : 3P3W
Voltage Input : actual voltage

Network parameter
see Spiderweb instruction

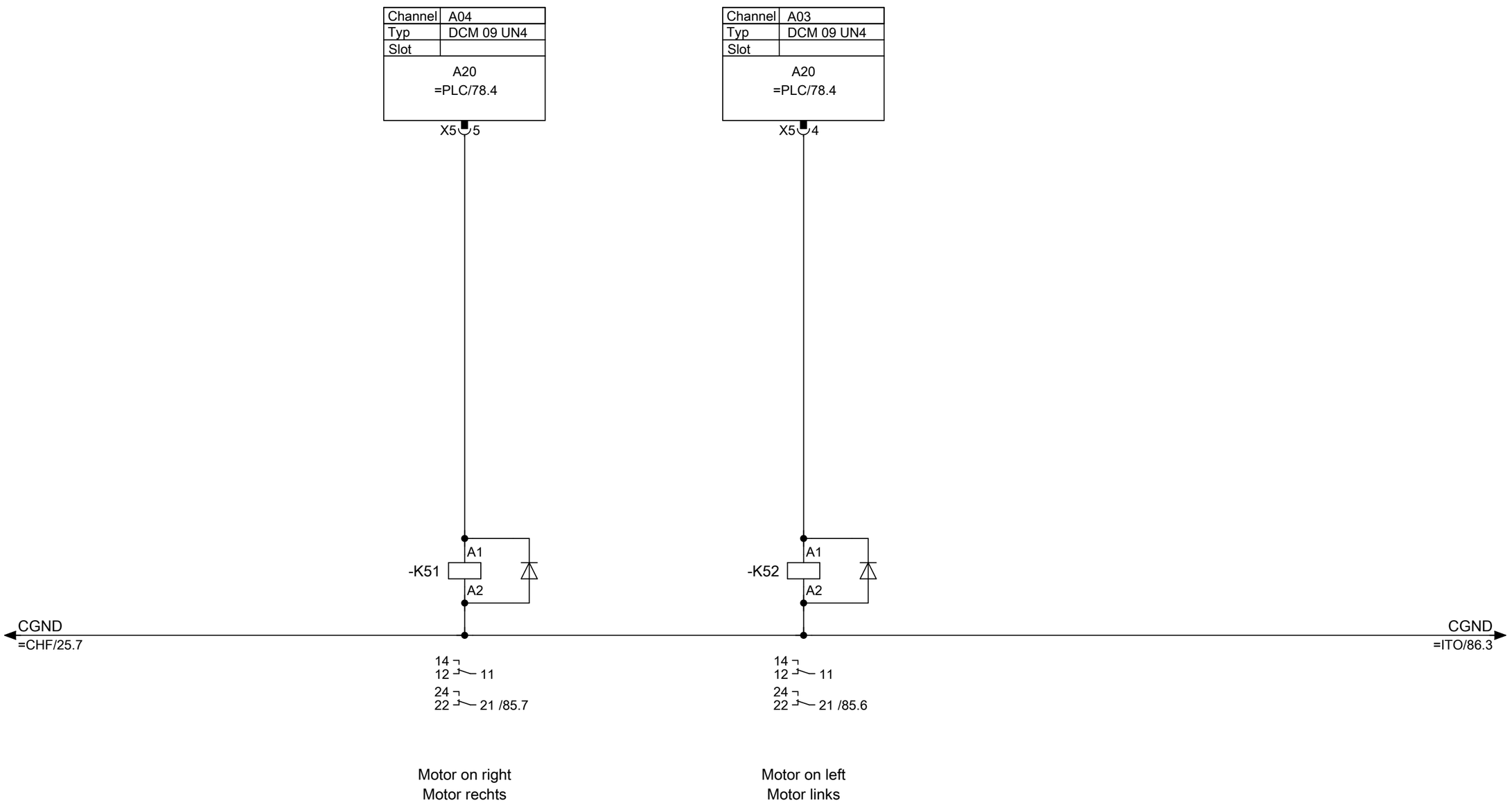
Option Power Monitoring CBA / CBA 12			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PM**	before +EC1/82
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ MA**	next =ICL+EC1/84 Page 83 / 175

Channel	A04
Typ	DCM 09 UN4
Slot	
A20 =PLC/78.4	

X5 5

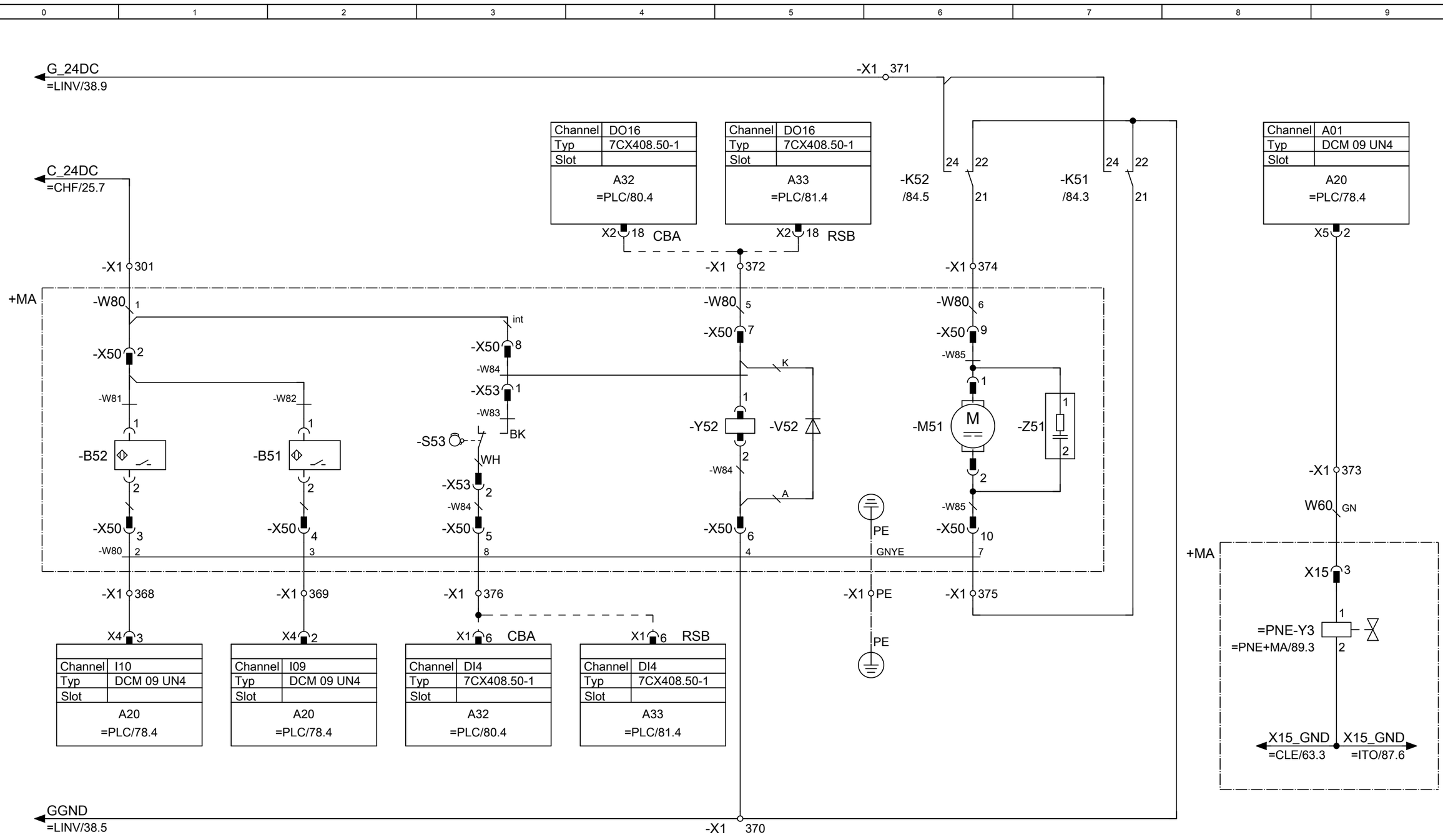
Channel	A03
Typ	DCM 09 UN4
Slot	
A20 =PLC/78.4	

X5 4

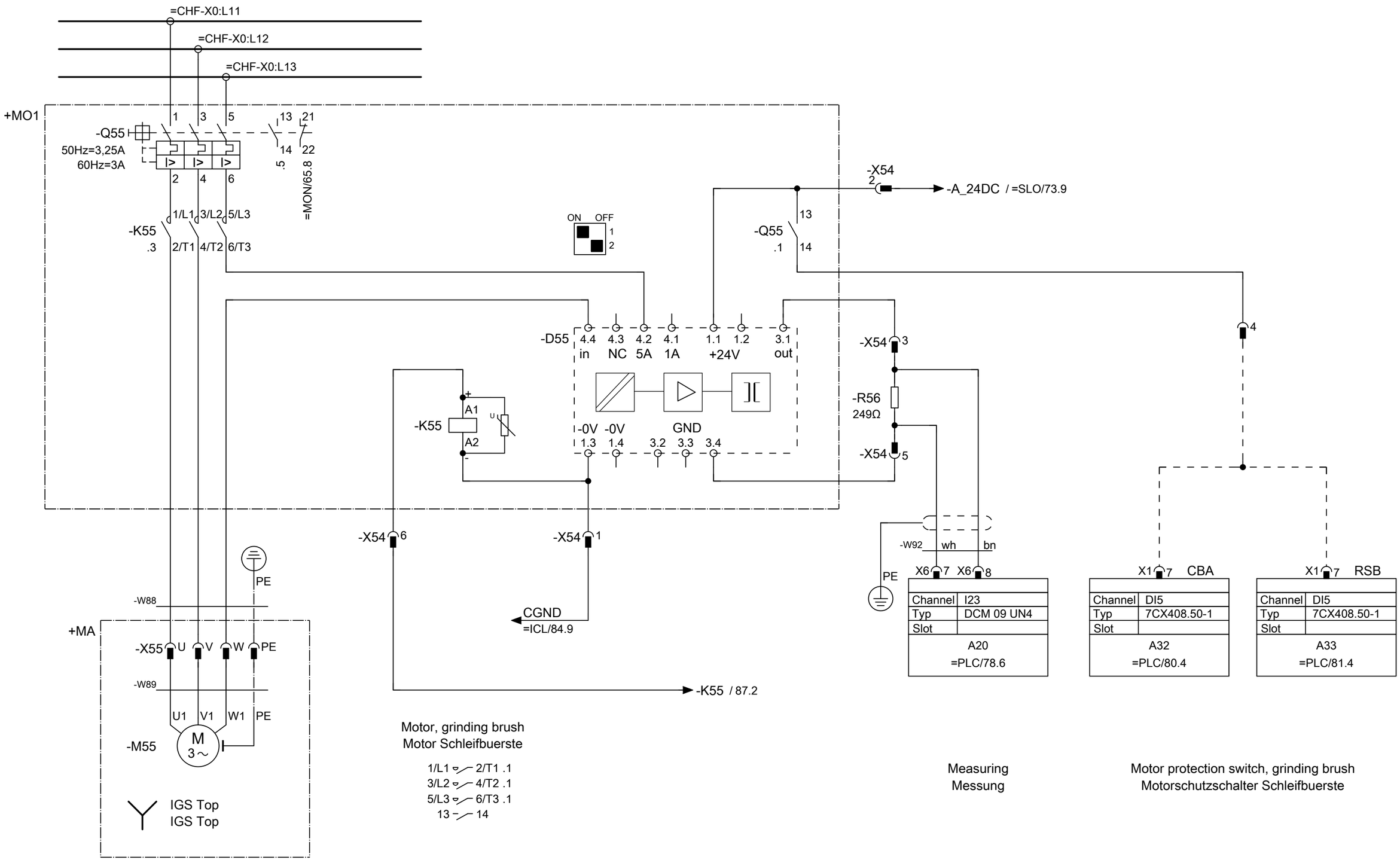


Motor on right
Motor rechts

Motor on left
Motor links



IGS Classic IGS Classic			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= ICL**	before 84
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next =ITO/86 Page 85 / 175



IGS Top IGS Top			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= ITO**	before =ICL/85
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ EC1**	next 87 Page 86 / 175

Channel	DO4
Typ	7CX408.50-1
Slot	
A32 =PLC/80.4	

X2 6 CBA

Channel	DO4
Typ	7CX408.50-1
Slot	
A33 =PLC/81.4	

X2 6 RSB

13
=SLO-K21.4
=SLO/72.7
14

K55
86.4

Motor for flats
Motor Deckel

Channel	DO5
Typ	7CX408.50-1
Slot	
A32 =PLC/80.4	

X2 7 CBA

Channel	DO5
Typ	7CX408.50-1
Slot	
A33 =PLC/81.4	

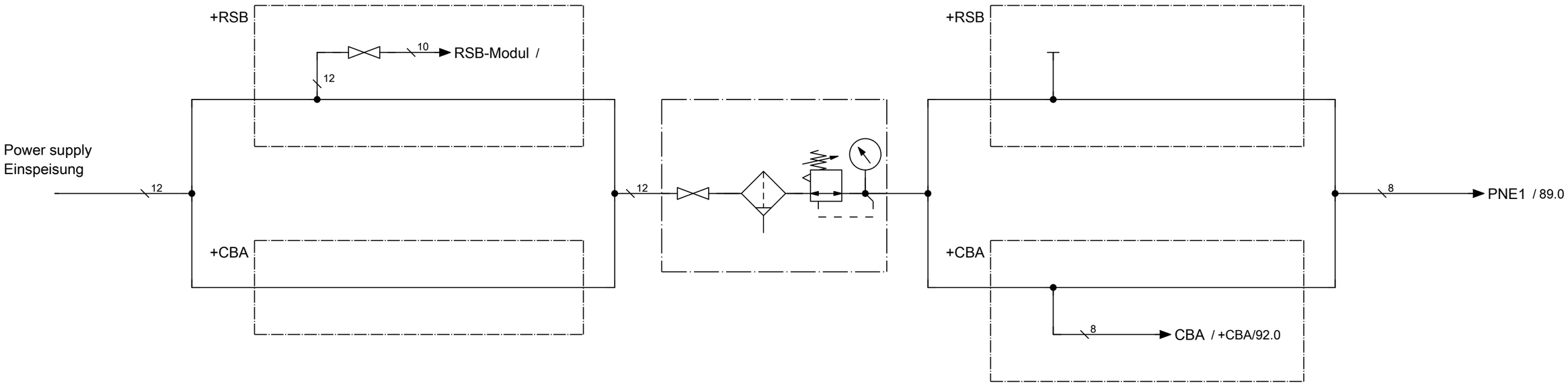
X2 7 RSB

33
34

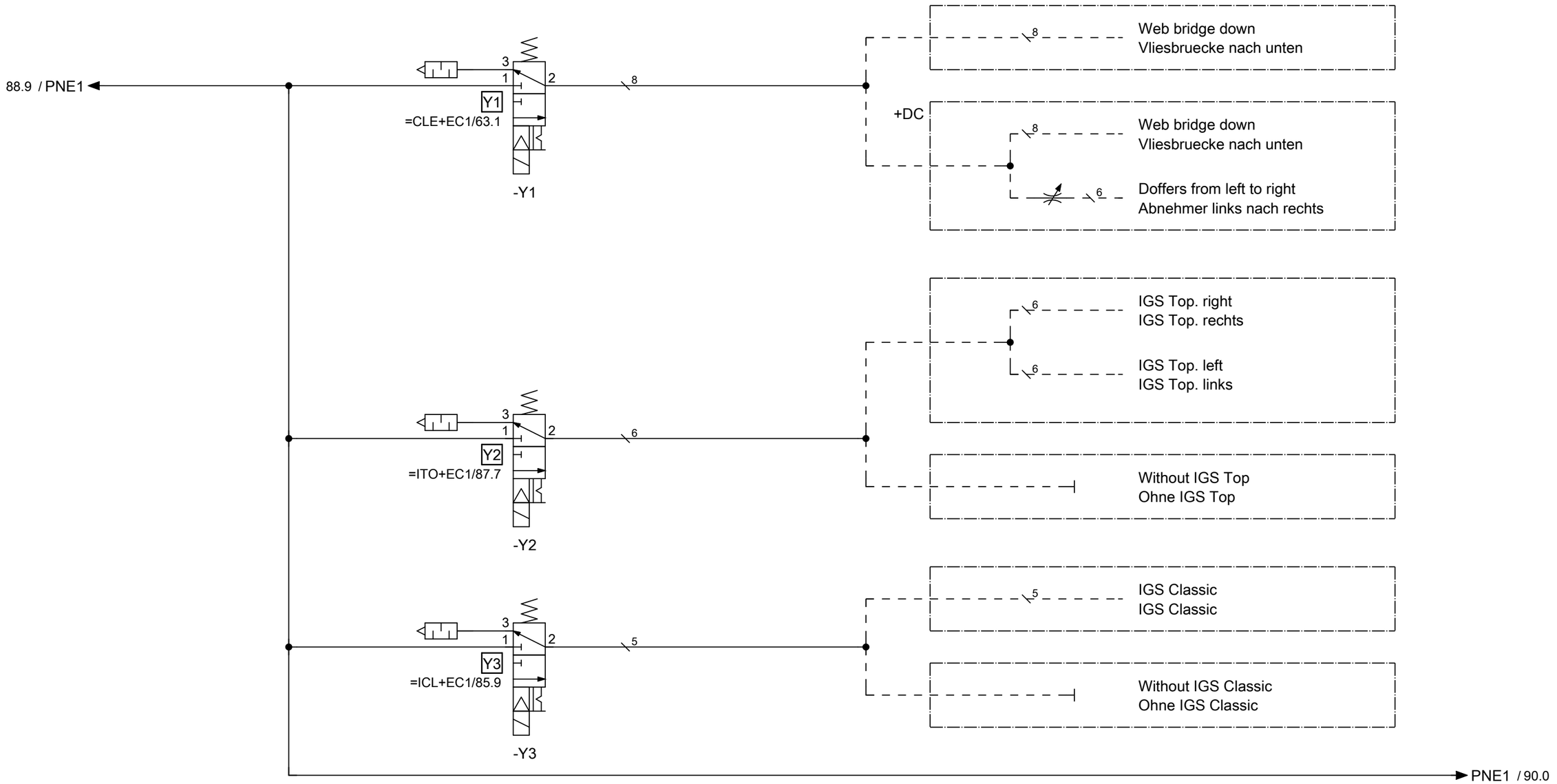
-X1 367
W60 BN
+MA
=CLE-X15 2
1
=PNE-Y2
=PNE+MA/89.3
2
X15_GND
=ICL/85.9

Lowering of flats
Deckel senken

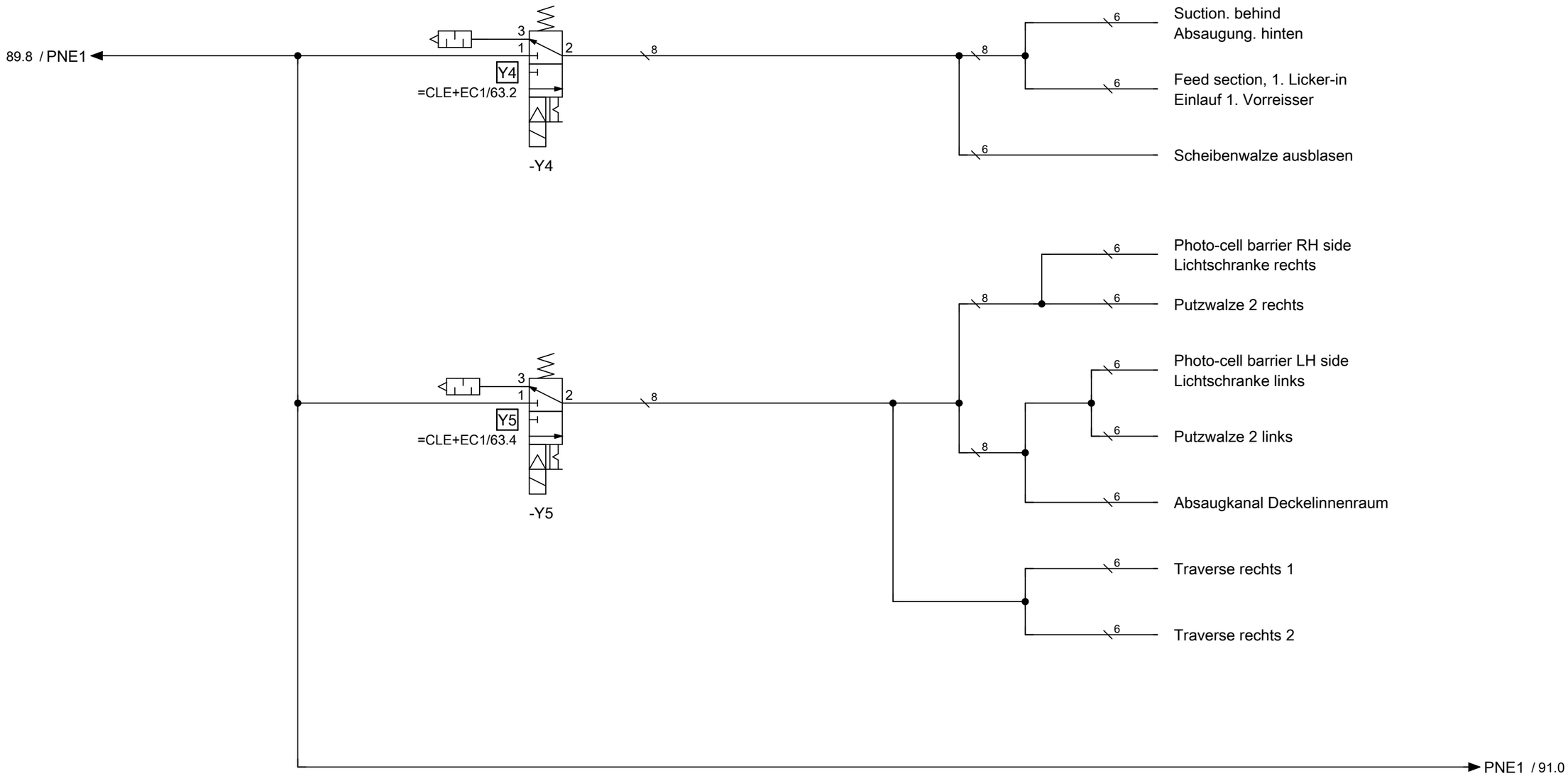
IGS Top IGS Top			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= ITO	before 86
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+ EC1	next =PNE+MA/88 Page 87 / 175



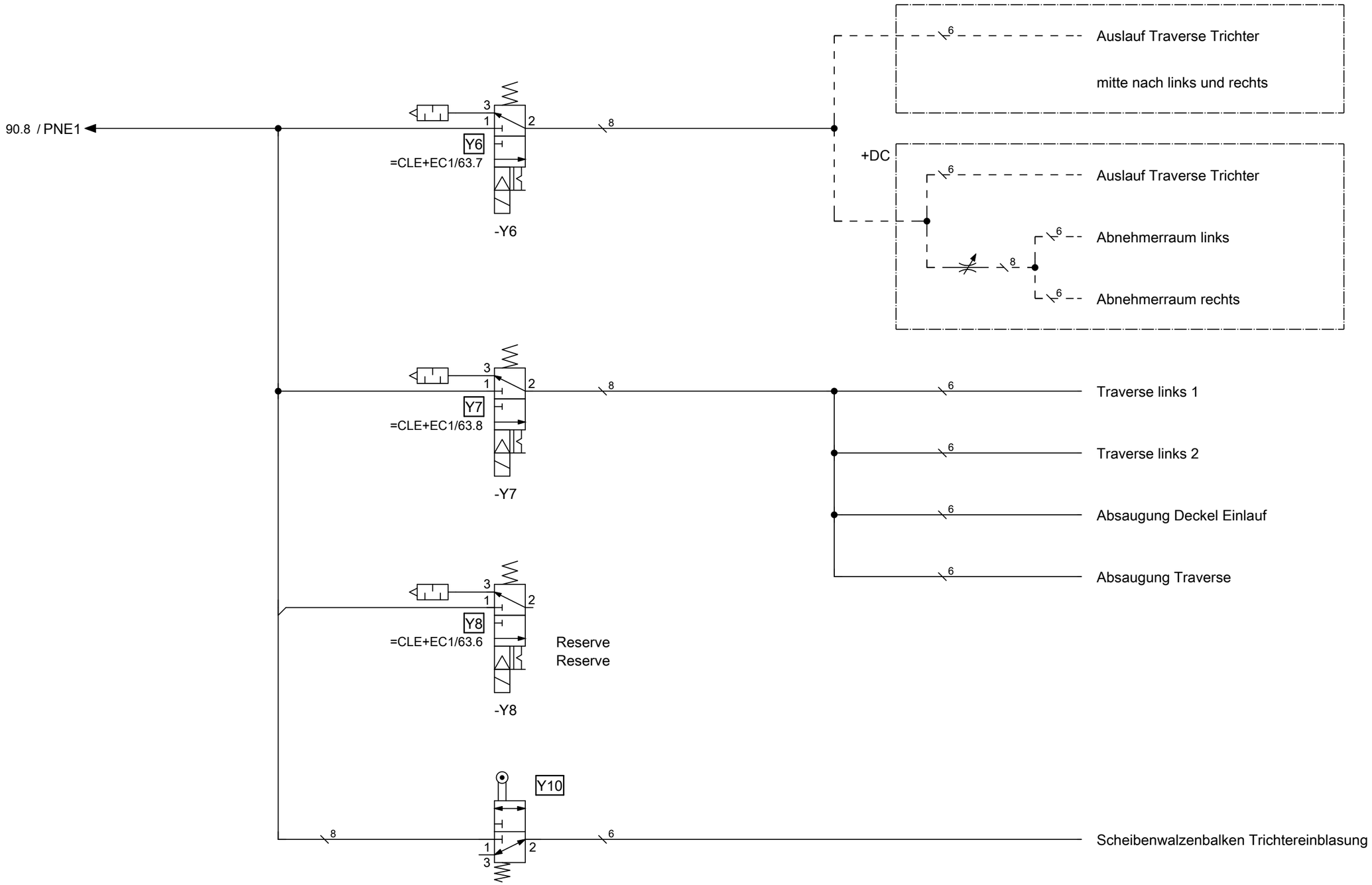
Pneumatics diagram Pneumatikschema			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PNE**	before =ITO+EC1/87
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ MA**	next 89 Page 88 / 175



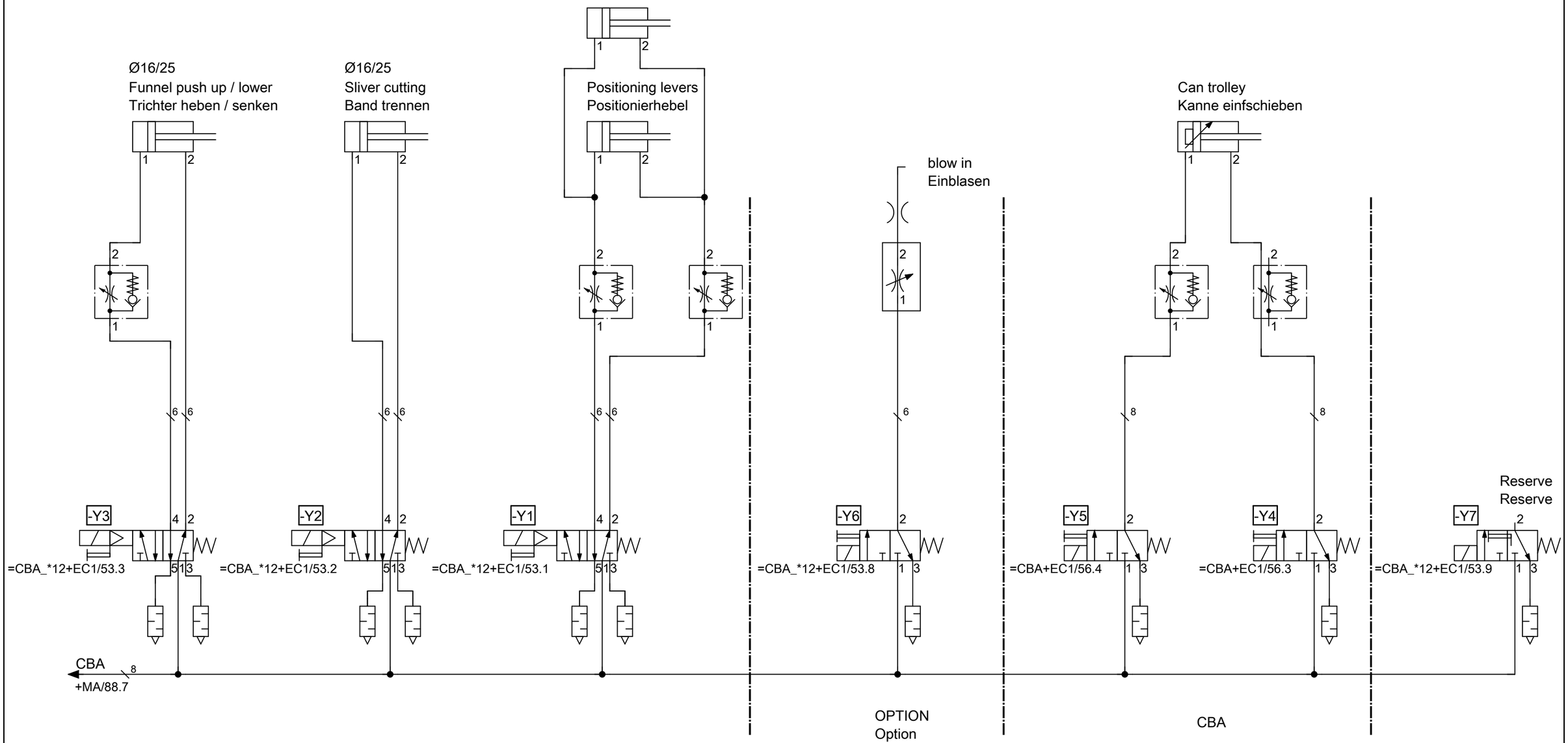
Pneumatics diagram Pneumatikschema			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PNE**	before 88
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ MA**	next 90 Page 89 / 175



Pneumatics diagram Pneumatikschema			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PNE**	before 89
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ MA**	next 91 Page 90 / 175



Pneumatics diagram Pneumatikschema			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PNE**	before 90
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ MA**	next +CBA/92 Page 91 / 175

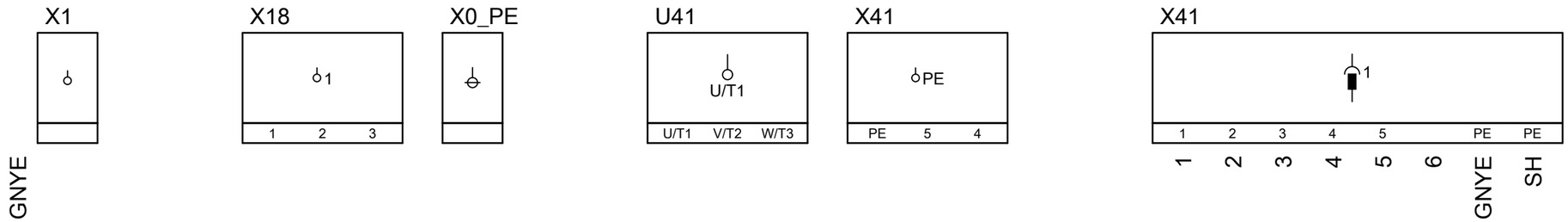


Pneumatics diagram Pneumatikschema			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= PNE**	before +MA/91
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+ CBA**	next =CON+/93 Page 92 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W0

/25.3
10055056

-W1

/25.0
10086792

Main connection
Hauptanschluss

-W2

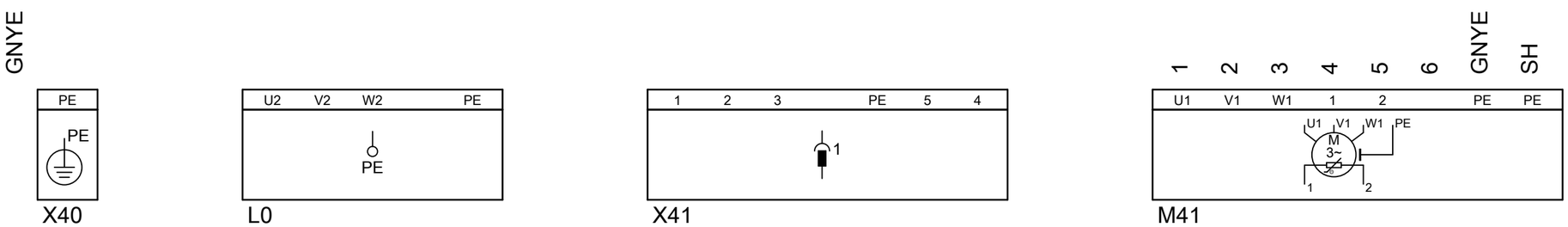
/27.1
10662192

Feed Roller
Speisewalze

-W3

/27.1
10181934

Feed Roller
Speisewalze



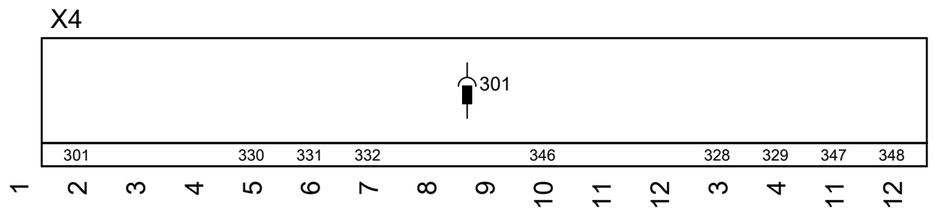
External
extern

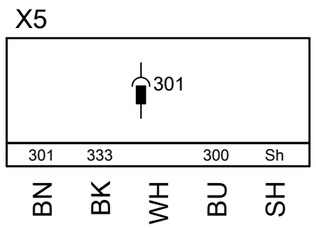
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before =PNE+CBA/92
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 94 Page 93 / 175

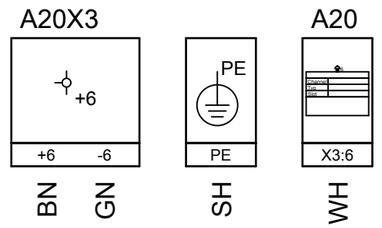
Cable connections|Kabelanschlussplan

C0N_V

local
intern







-W4

/33.1
10919823

Control unit, chute
Steuerung Schacht

-W5

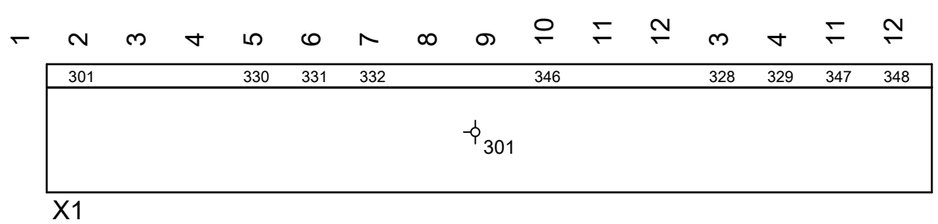
/30.0
10181882

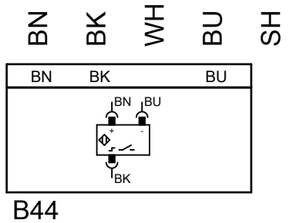
Opening roller speed
Drehzahl Aufloesewalze

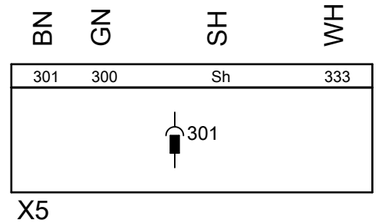
-W6

/30.0
10083113

Opening roller speed
Drehzahl Aufloesewalze







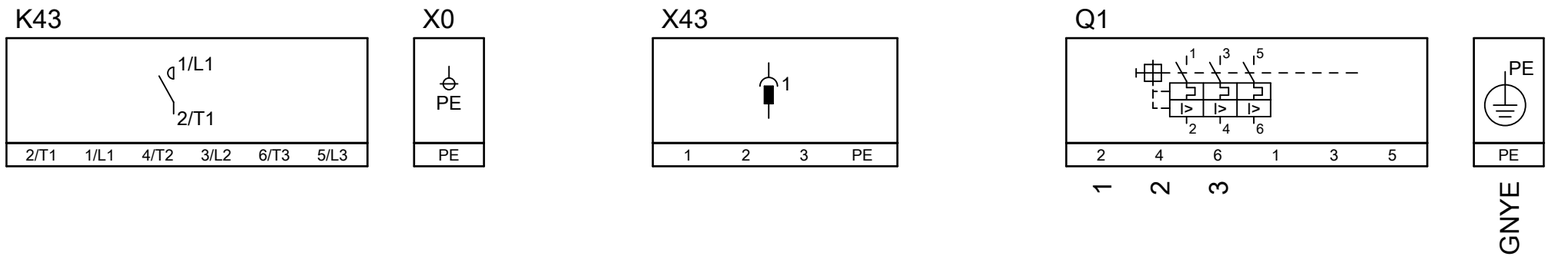
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 93
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 95 Page 94 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W7

/31.1
10086815

Compression fan
Verdichtungsventilator

-W8

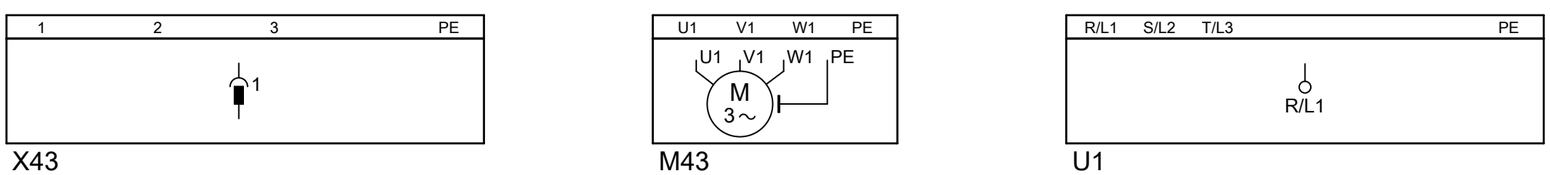
/31.1
10086896

Compression fan
Verdichtungsventilator

-W9

/32.0
10815127

Cylinder, converter
Trommel Umrichter



External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 94 next 96
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 95 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern

-W10

/32.1
10815614

Drum
Trommel

-W11

/32.2
10815501

Drum
Trommel

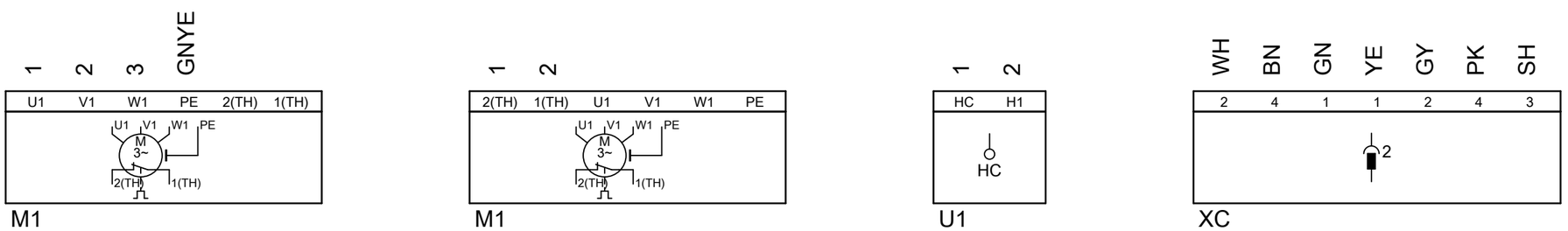
-W12
2x1
0.8 m
/32.4
10948260

Drum
Trommel

-W13

/32.7
10181874

Drum
Trommel



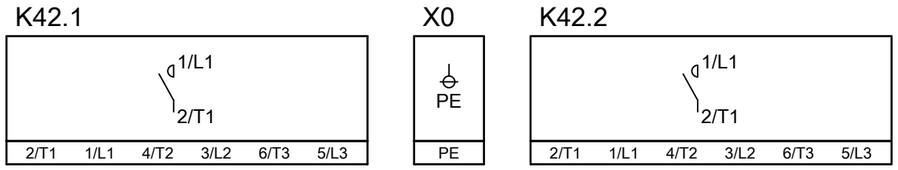
External
extern

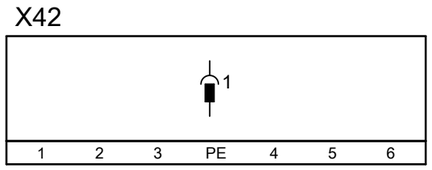
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 95
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 97 Page 96 / 175

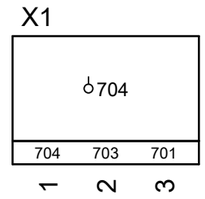
Cable connections|Kabelanschlussplan

C0N_V

local
intern







-W14

/29.1
10086814

Opening roller
Aufloesewalze

-W15

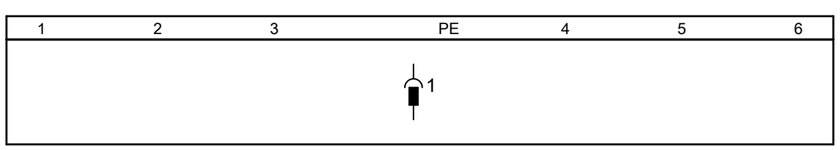
/29.1
10086895

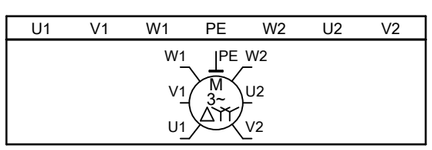
Opening roller
Aufloesewalze

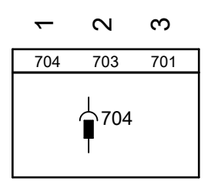
-W16

/26.1
10916712

Plant
Anlage







External
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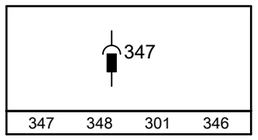
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 96 next 98
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 97 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern

X4



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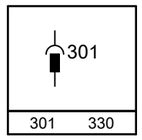

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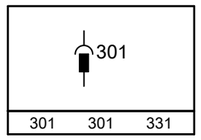
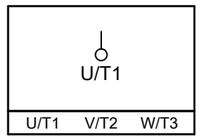
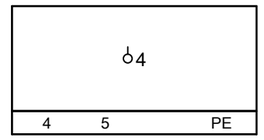


U10



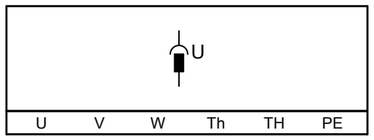
1 2 3

X10



4 5 GNYE

X10



1 2 3 4 5 GNYE

-W18

/33.1
10182196

Door to chute
Tuere Schacht

-W19

/33.3
10180956

Reverse movement of feed roller
Speisewalze rueckwaerts

-W20

/33.4
10009214

Klixon opening roller
Klixon Aufloesewalze

-W23

/34.1
10375486

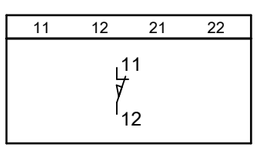
Feed Roller
Speisewalze

-W24

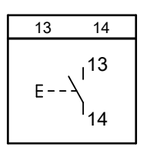
/34.1
10375487

Feed Roller
Speisewalze

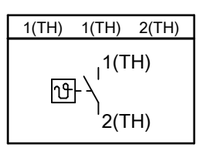
S40



S41

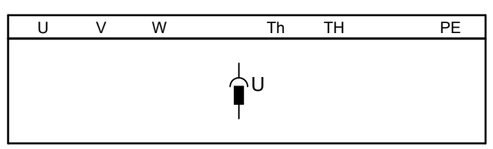


M42



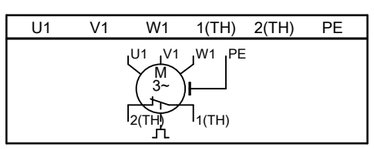
1 2 3 4 5 GNYE

X10



1 2 3 4 5 GNYE

M10



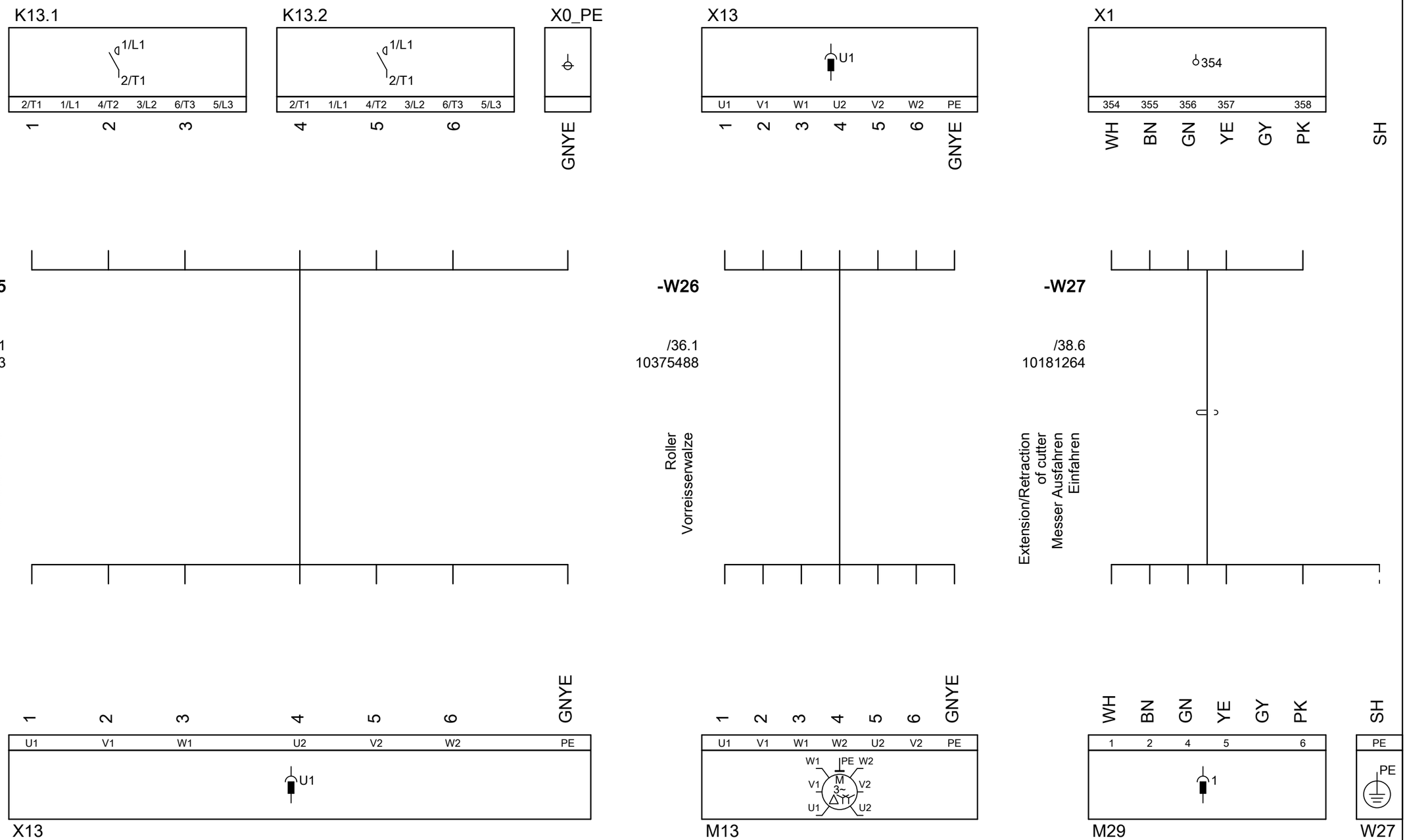
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 97
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 99 Page 98 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



External
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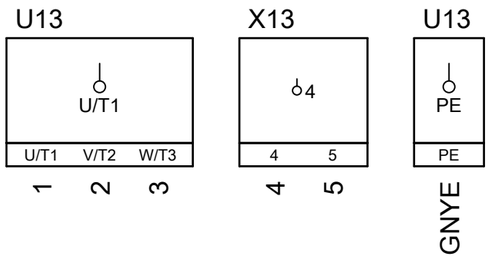
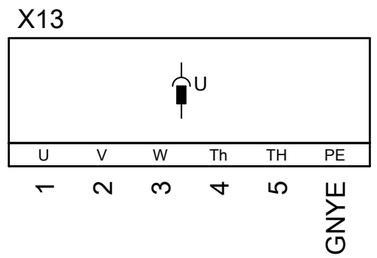
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**		**= CON**	before 98
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	next 100 Page 99 / 175
					+	

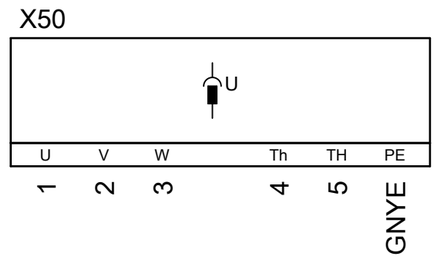
Cable connections|Kabelanschlussplan

C0N_V

local
intern



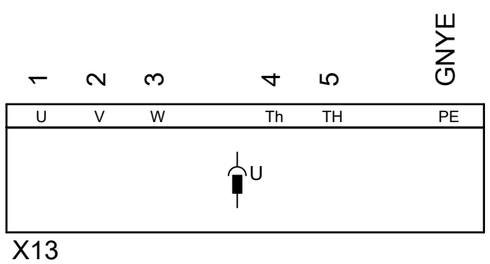




-W28

/37.1
10815112

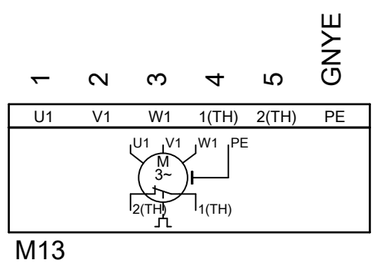
Licker-In
Vorreisser



-W29

/37.1
10375490

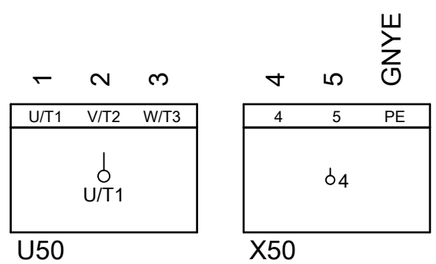
Licker-In
Vorreisser



-W30

/40.1
10375758

Card flats drive
Deckelantrieb



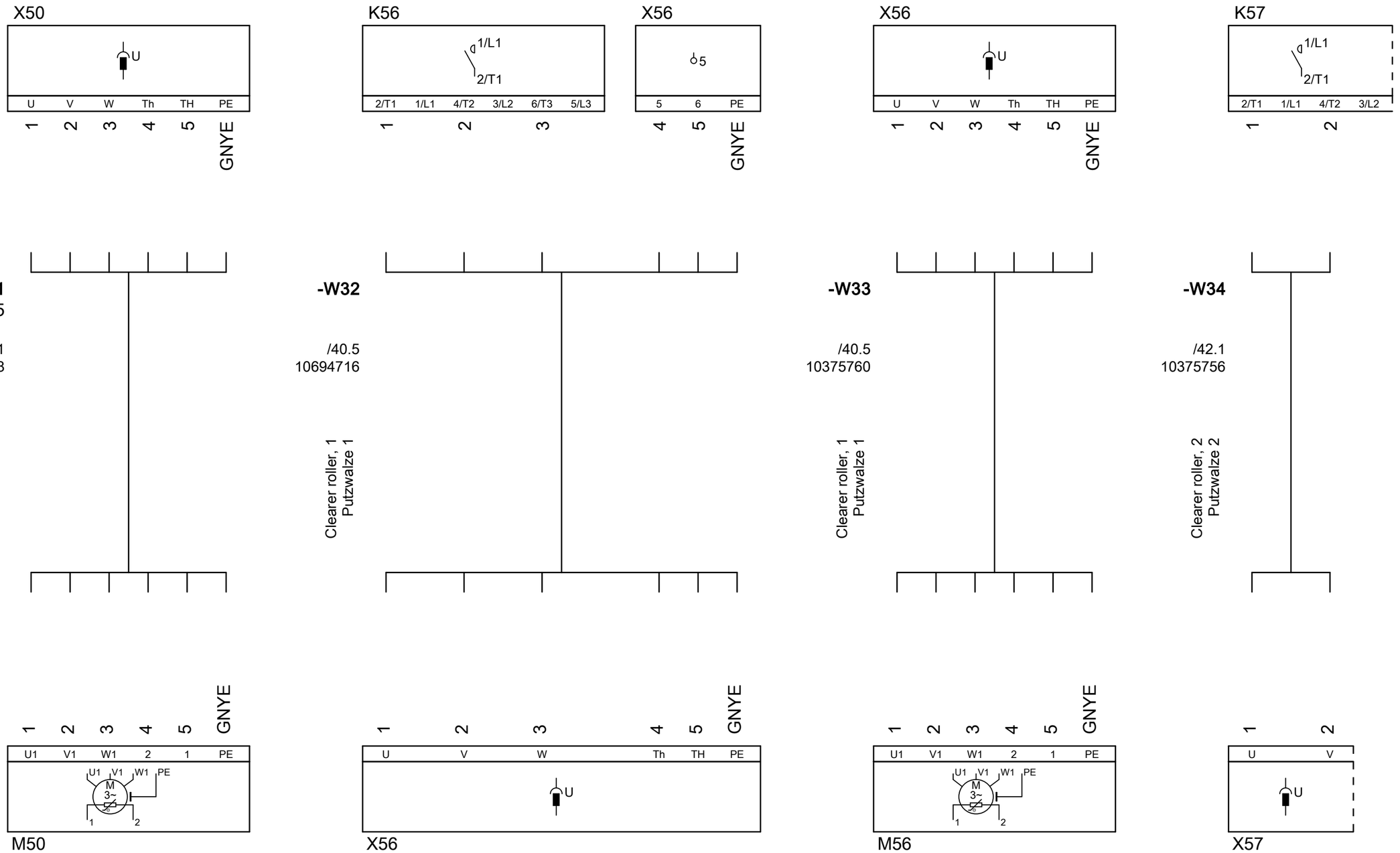
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 99
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 101 Page 100 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



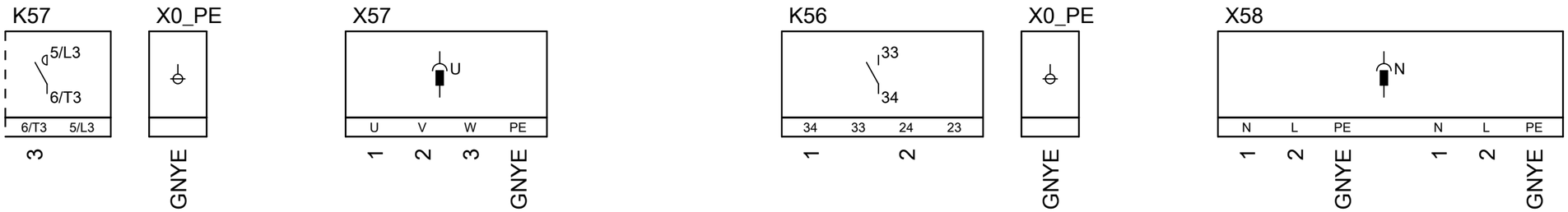
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 100 next 102
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 101 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W34

/42.1
10375756

Clearer roller, 2
Putzwalze 2

-W35

/42.1
10375755

Clearer roller, 2
Putzwalze 2

-W36

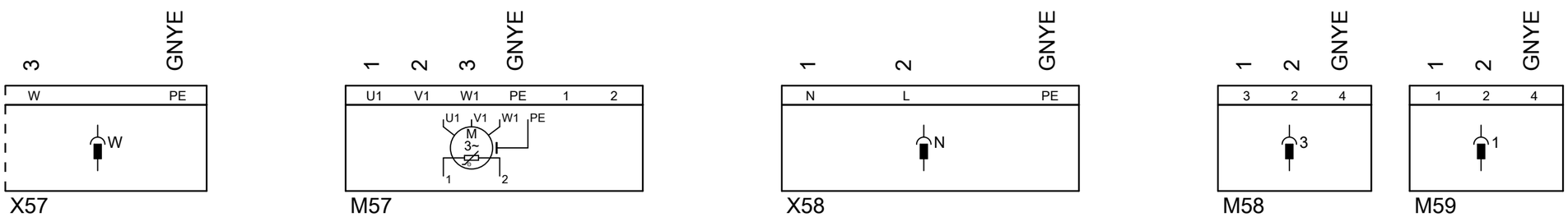
/42.6
10918689

Cleaning, slide shoe, on left
reinigen Gleitschuh links

-W37

/42.6
11044874

Cleaning, slide shoe, on left
reinigen Gleitschuh links



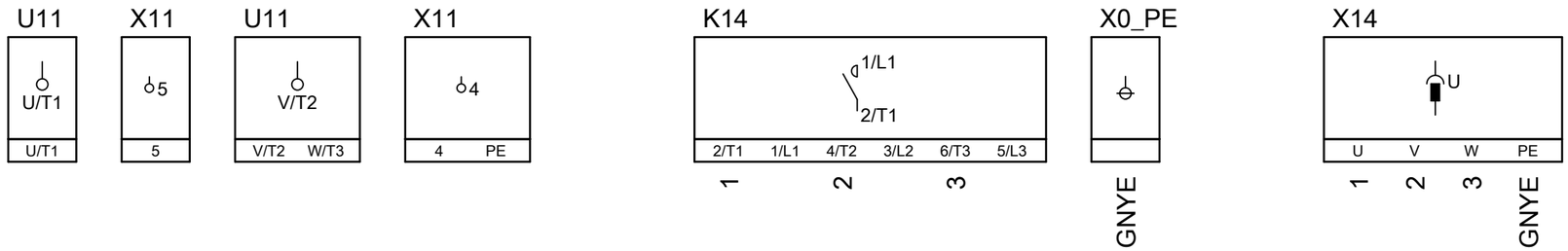
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 101
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 103 Page 102 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W38

/44.1
10662254

Doffing unit
Abnehmer

-W39

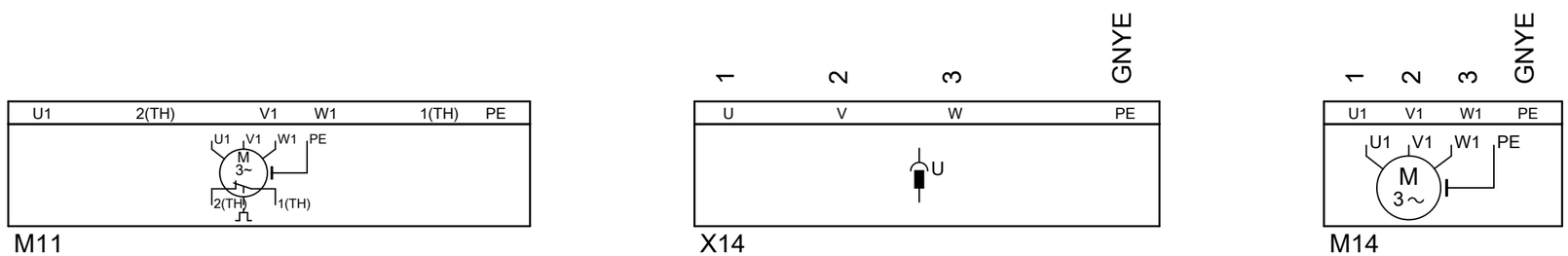
/47.1
10375493

Cleaning brush
Putzbuerste

-W40

/47.1
10375492

Cleaning brush
Putzbuerste



External
extern

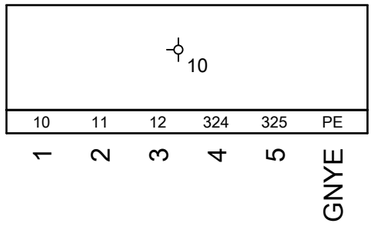
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 102 next 104
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 103 / 175

Cable connections|Kabelanschlussplan

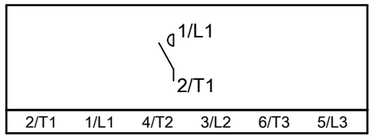
C0N_V

local
intern

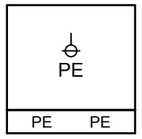
X12



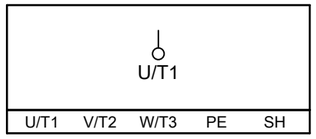
K61-CBA



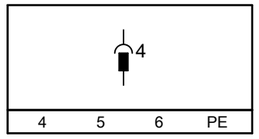
X0



U60



X31



-W41

/45.1
10181984

Card outlet
Auslauf

-W42

/54.1
10180840

Coiler motor
Ablagemotor

-W42.1

/58.1
11145256

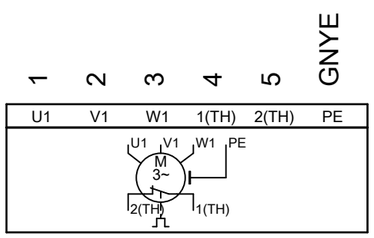
Coiler motor
Ablagemotor

-W43

/54.1
10086930

Coiler motor
Ablagemotor

M12



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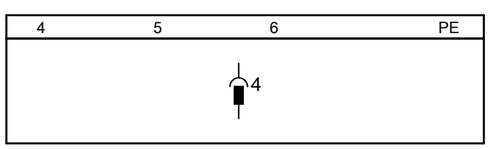

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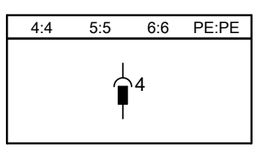
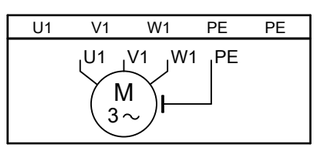


M1



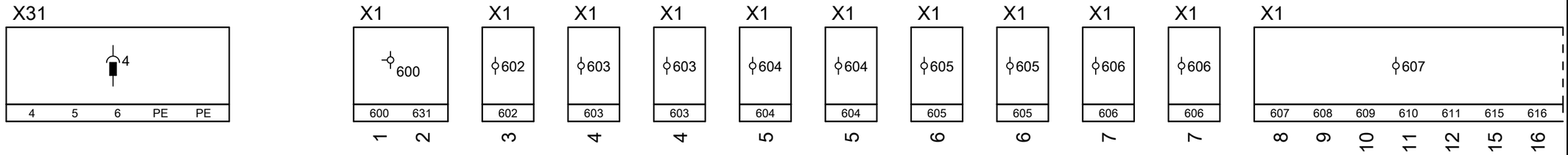
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 103
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 105 Page 104 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W43.1

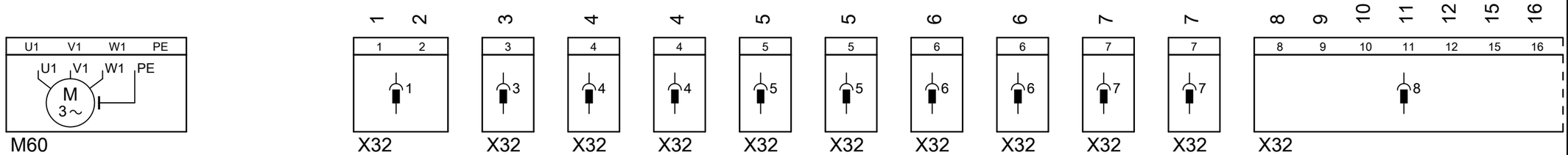
/58.1
11145238

Coiler motor
Ablagemotor

-W44
25x1

/50.2
11099227

Control unit, coiler
Steuerung Bandablage



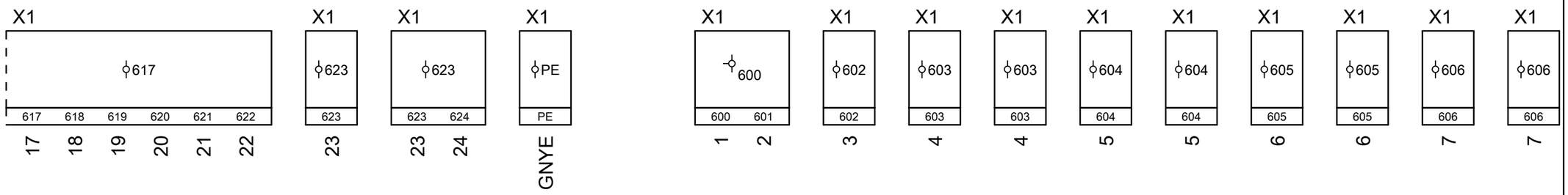
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 104 next 106
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 105 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W44
25x1

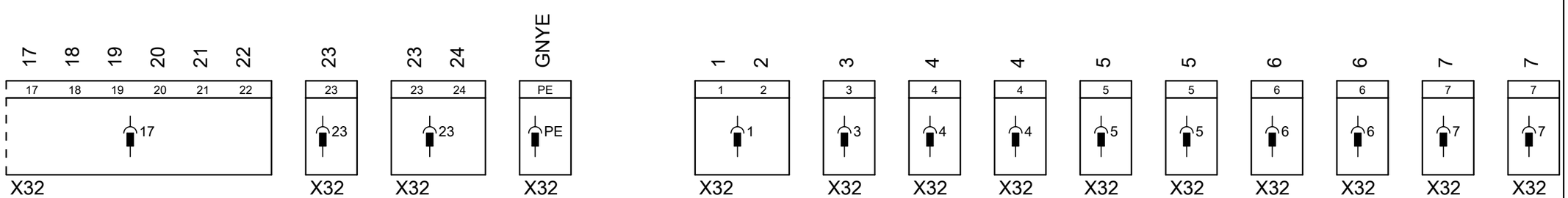
/50.2
11099227

Control unit, coiler
Steuerung Bandablage

-W44.1

/50.3
11144898

Hood
Haube



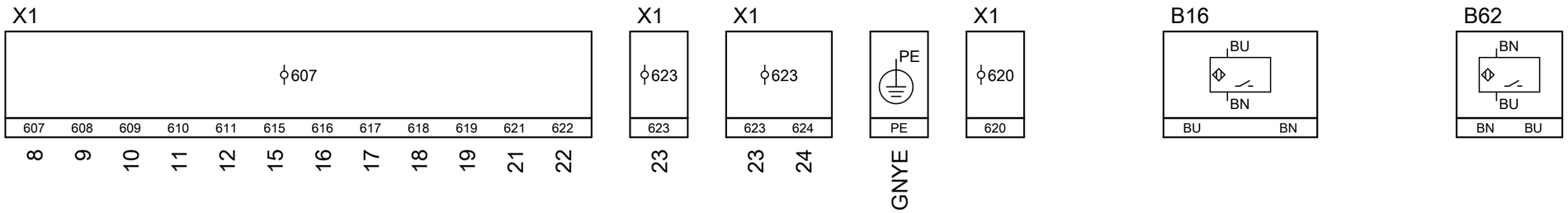
External
extern

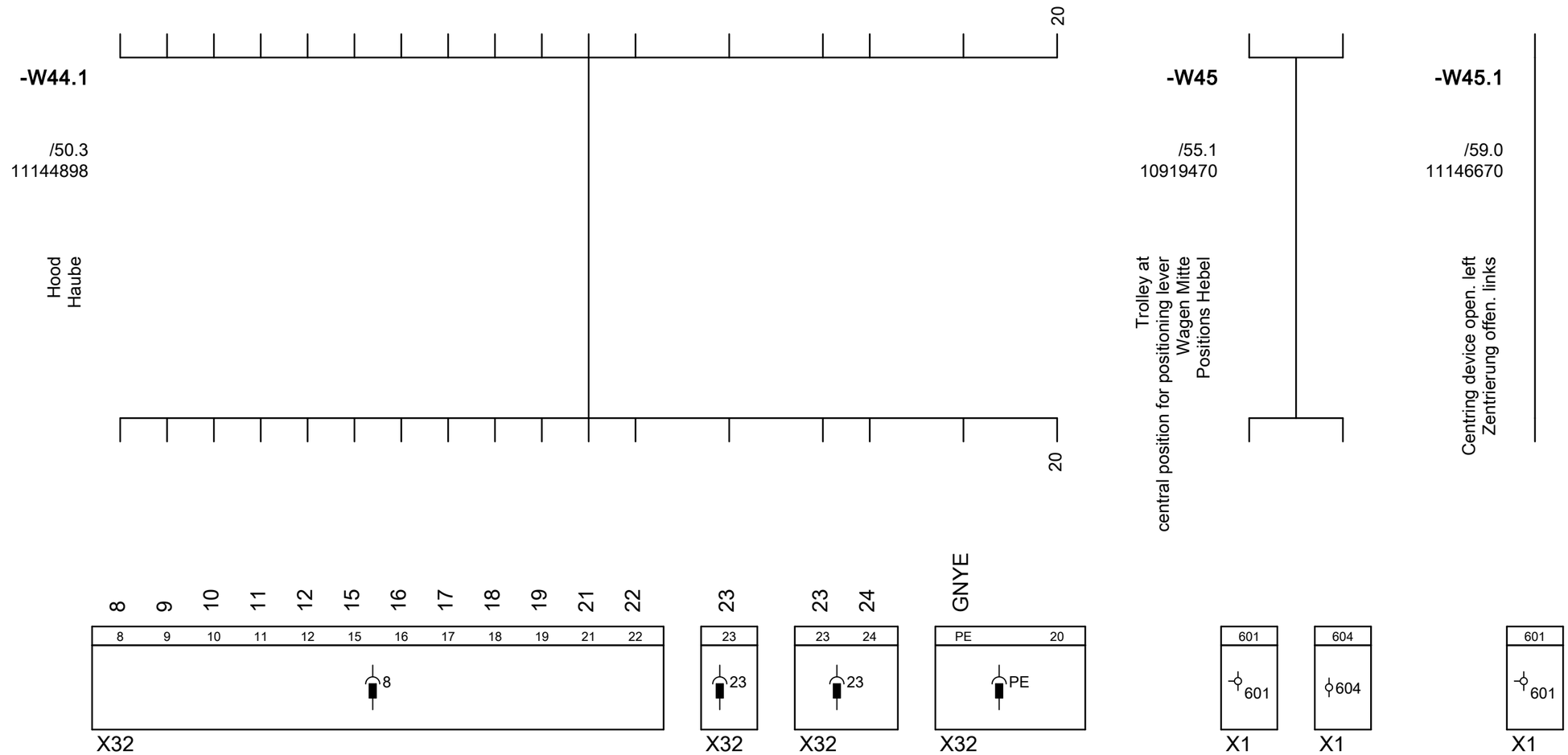
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 105
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 107 Page 106 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern





External
extern

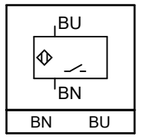
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 106
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 108 Page 107 / 175

Cable connections | Kabelanschlussplan

C0N_V

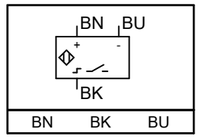
local
intern

B8



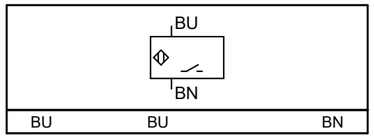
BN BU

B61

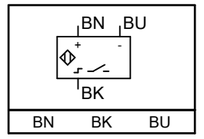


BU

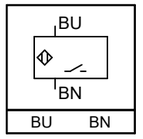
B9



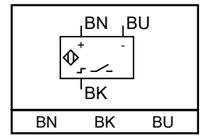
B65



B10



B64



-W46

/55.3
10919488

Trolley at central position for sliver cutting
Wagen Mitte Bandtrennung

BN BU

623 601

623

X1

-W46.1

/59.3
11146691

Can changer home position
Kannenwechsler Grundstellung

BU

601

601

X1

-W47

/55.5
10919486

Trolley at rear
Wagen hinten

601

601

X1

BU BN

BU

BN

B10

603

603

X1

-W47.1

/59.6
11146676

Can changer rear end position
Kannenwechsler Endstellung Hinten

601

601

X1

-W48

/55.6
10919487

Trolley at front
Wagen vorne

601 605

601

X1

-W48.1

/59.7
11146678

Can changer front end position
Kannenwechsler Endstellung Vorne

601

601

X1

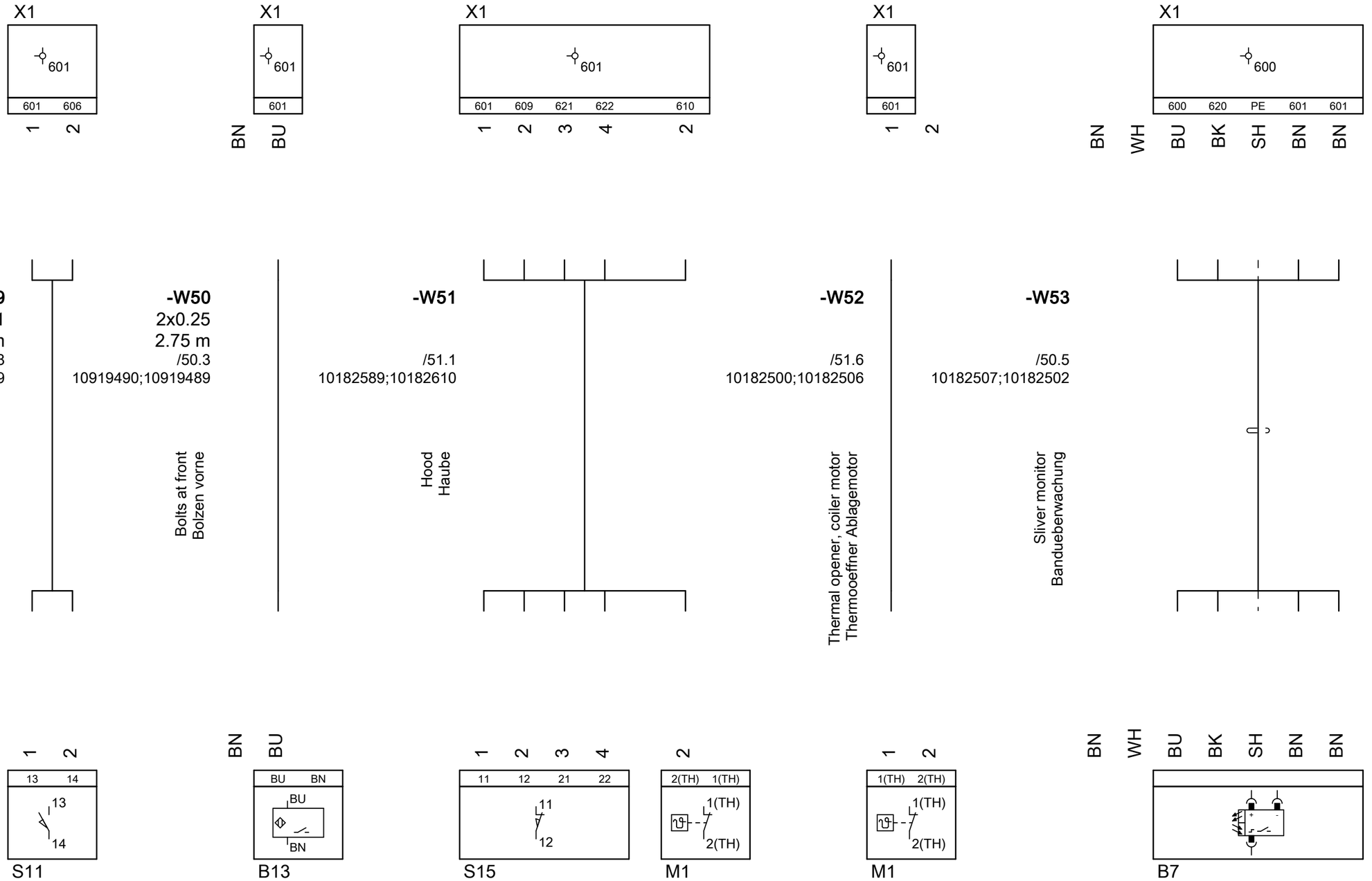
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 107 next 109
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 108 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



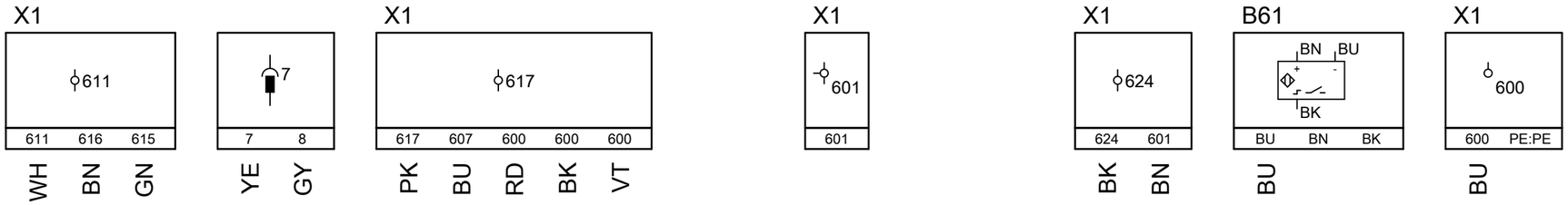
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 108
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 110 Page 109 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W54

/53.1
10975196

Control unit, coiler
Steuerung Bandablage

-W55.1

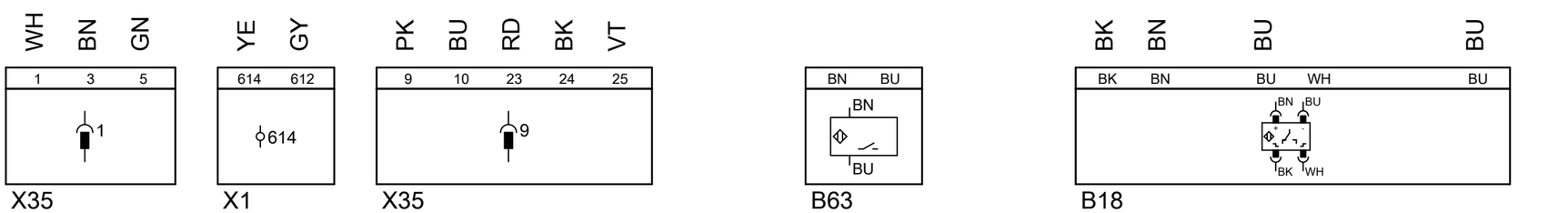
/59.1
11146694

Centring device open. right
Zentrierung offen. rechts

-W56.1

/59.4
11169065

position. Funnel Wheel
Position. Trichterrad



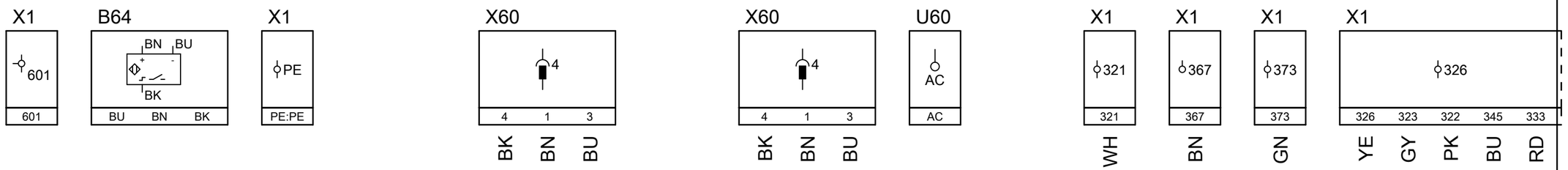
External
extern

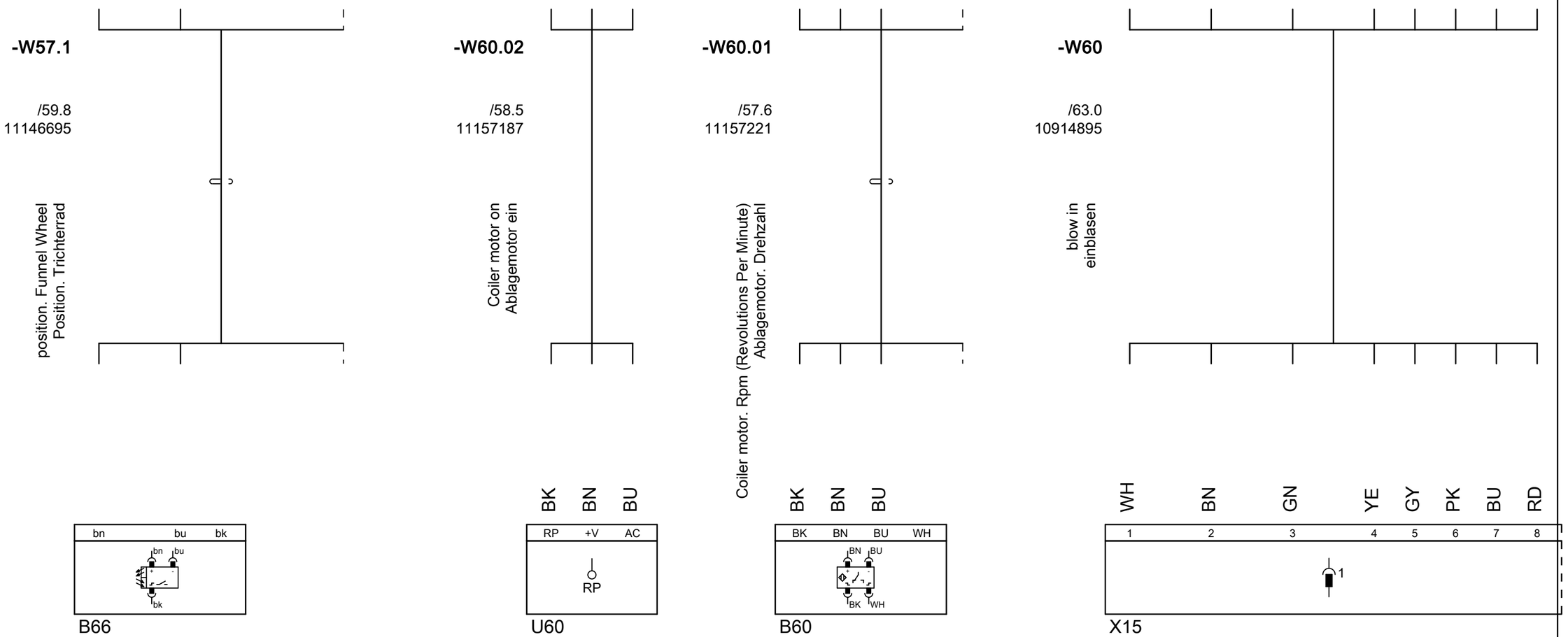
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 109 next 111
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 110 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern





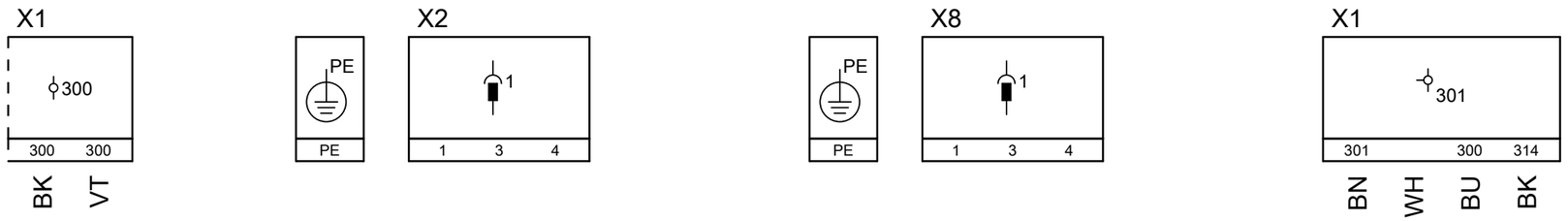
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 110
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 112 Page 111 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W60

/63.0
10914895

blow in
einblasen

-W65

/67.1
10669639

Monitoring, flats
Ueberwachung Deckel

-W66

/67.3
10669180

Monitoring, alignment of flats
Ueberwachung Deckelausrichtung

-W67

/67.6
10987123

Monitoring, cleaning of flats
Ueberwachung Deckelreinigung

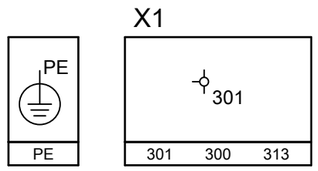
External
extern

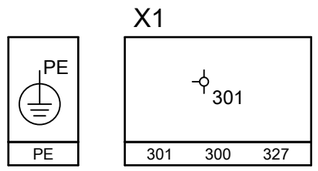
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 111
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 113 Page 112 / 175

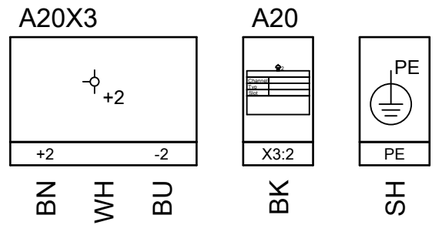
Cable connections | Kabelanschlussplan

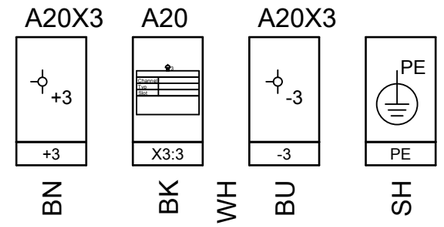
C0N_V

local
intern









-W68

/67.1
10669641

Monitoring, flats
Ueberwachung Deckel

-W69

/67.3
10666032

Monitoring, alignment of flats
Ueberwachung Deckelausrichtung

-W70

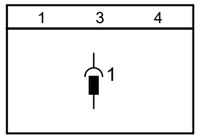
/68.1
10181935

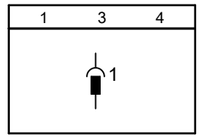
Cylinder speed
Trommel Drehzahl

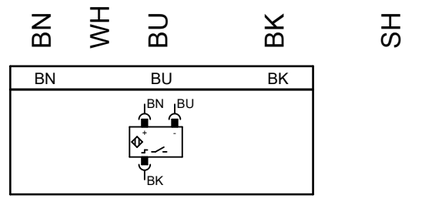
-W71

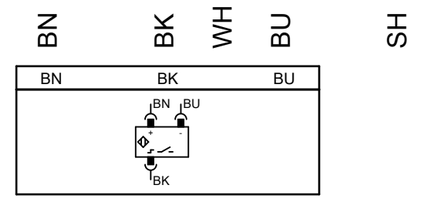
/68.3
10181924

Licker-in speed
Vorreisser Drehzahl









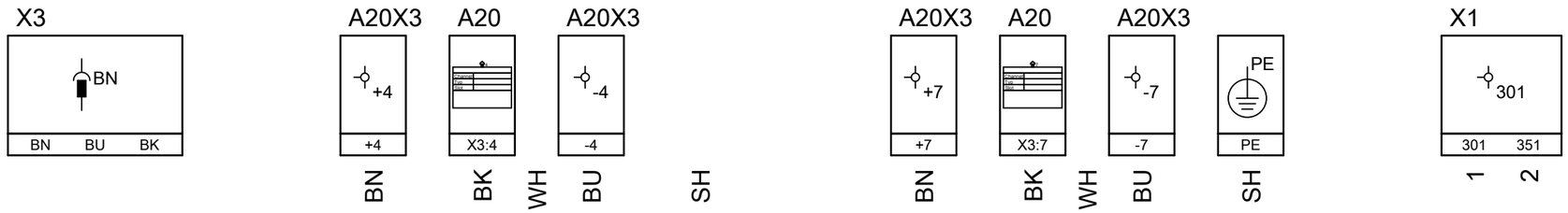
External
extern

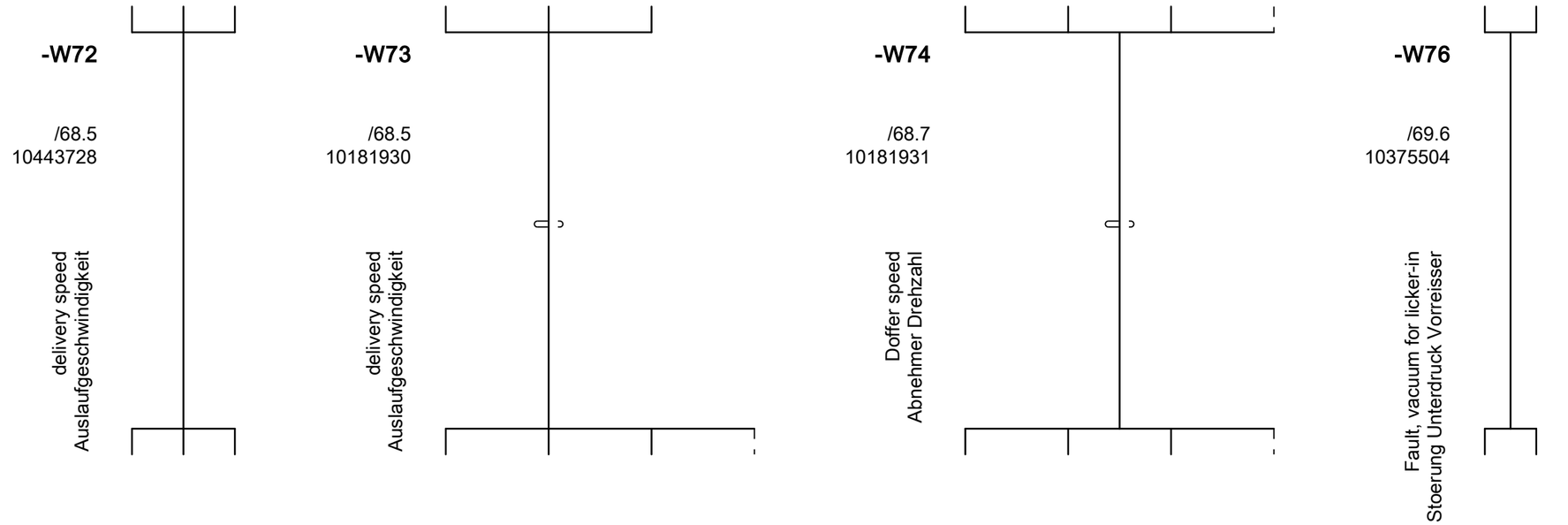
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 112
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 114 Page 113 / 175

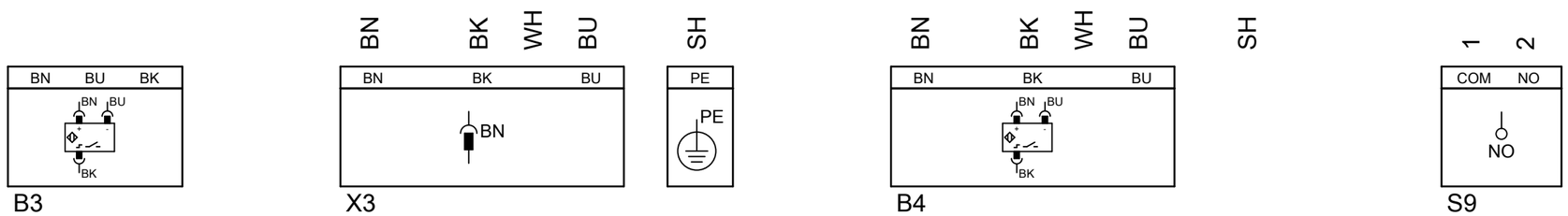
Cable connections | Kabelanschlussplan

C0N_V

local
intern







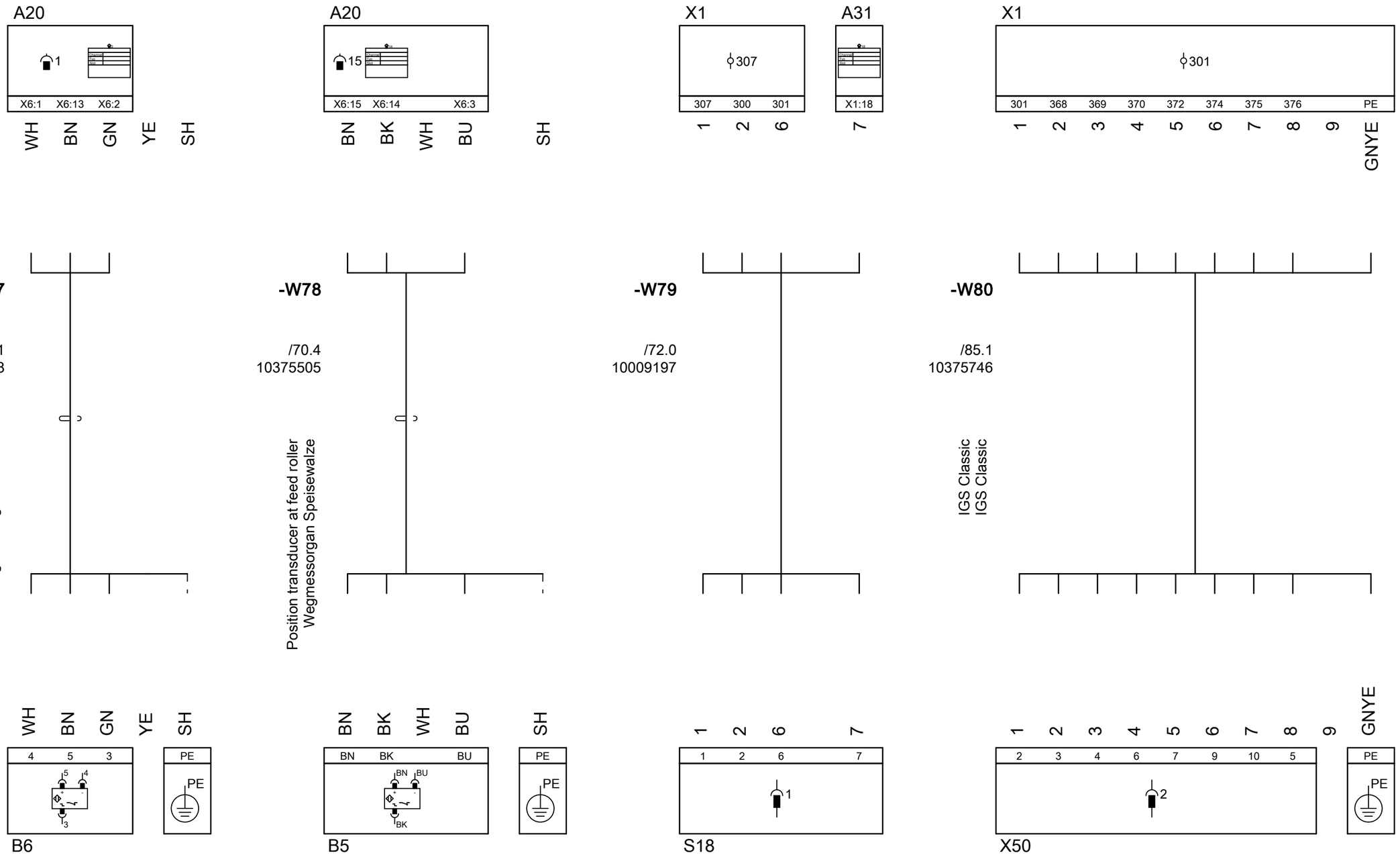
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 113
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 115 Page 114 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



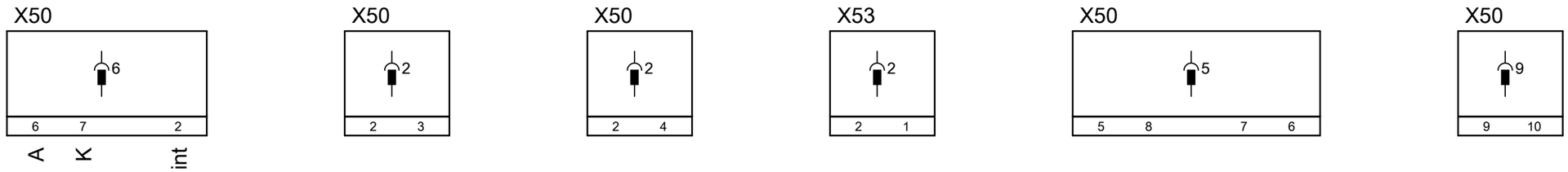
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 114
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 116 Page 115 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



-W80

/85.1
10375746

IGS Classic
IGS Classic

-W81

/85.1
10087150

Position on right
Position rechts

-W82

/85.2
10087149

Position on left
Position links

-W83

/85.3
10182160

Position for grinding
Position schleifen

-W84

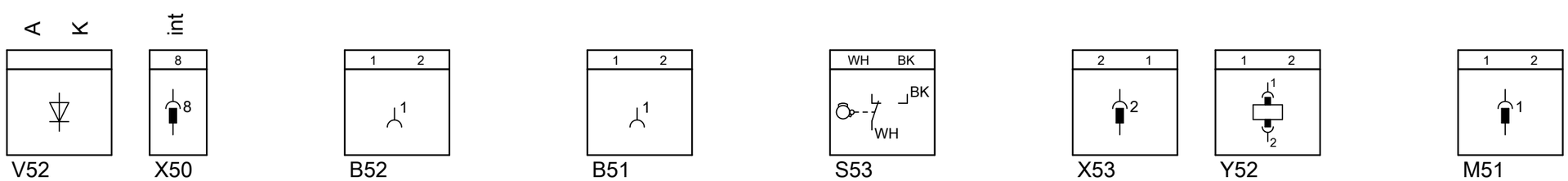
/85.3
10182530

Grinding Stone
Schleifstein

-W85

/85.6
10087147

Band conveyor
Transportband



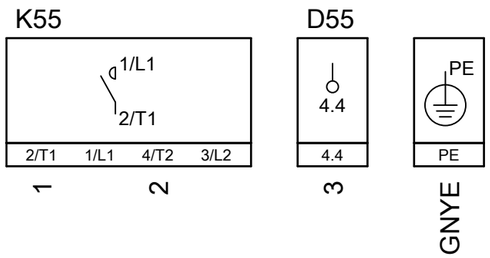
External
extern

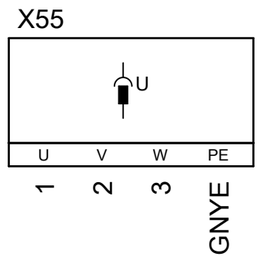
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 115
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 117 Page 116 / 175

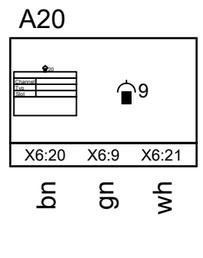
Cable connections|Kabelanschlussplan

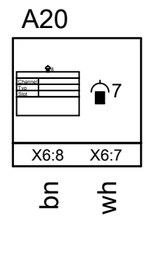
C0N_V

local
intern





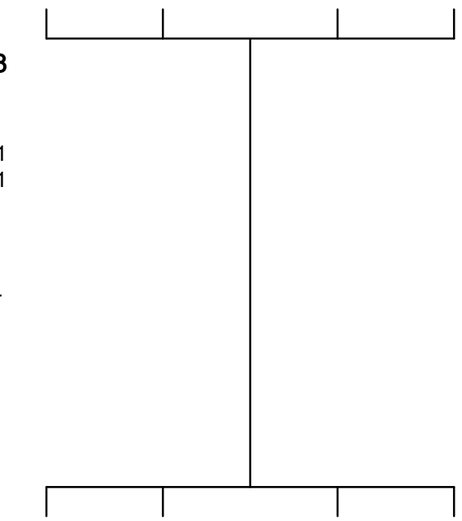




-W88

/86.1
10926841

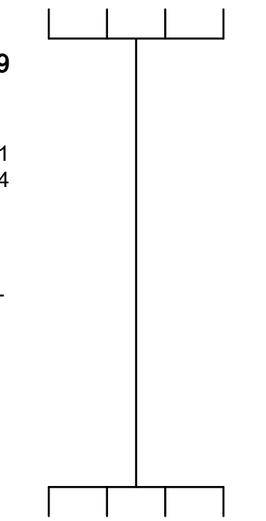
IGS Top
IGS Top



-W89

/86.1
10375494

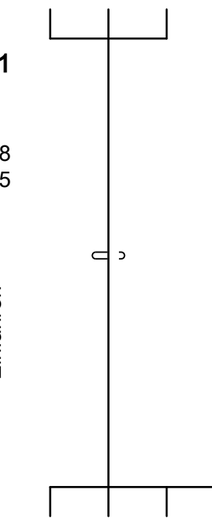
IGS Top
IGS Top



-W91

/38.8
10663125

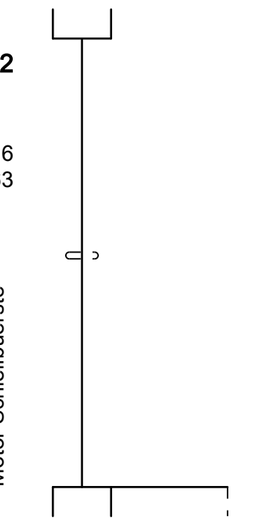
Extension/Retraction of cutter
Messer Ausfahren Einfahren



-W92

/86.6
10663363

Motor, grinding brush
Motor Schleifbuerste



X55

M55

X1

W91

X54

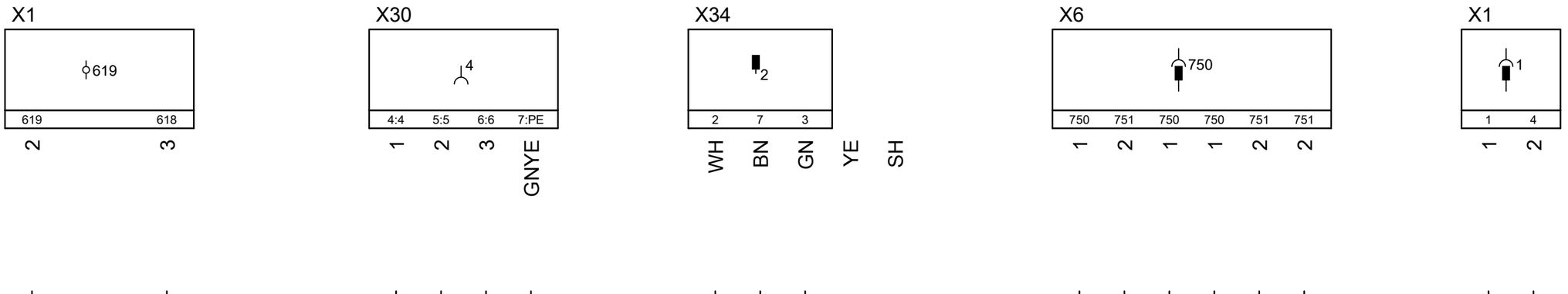
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 116 next 118
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 117 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern



-W93

/52.2
10182501;10182508

Distant Lamp
Weitleuchte

-W95

/61.2
10182278

RSB module
RSB Modul

-W99

/82.9
10182049

-W100

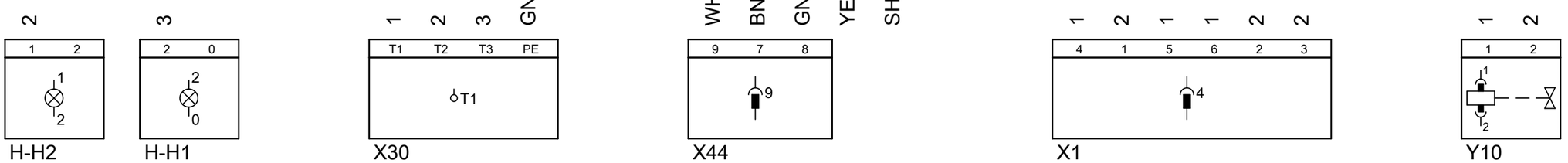
/26.5
10181906

CBA / WS

-W101

/26.6
10181902

CBA / WS



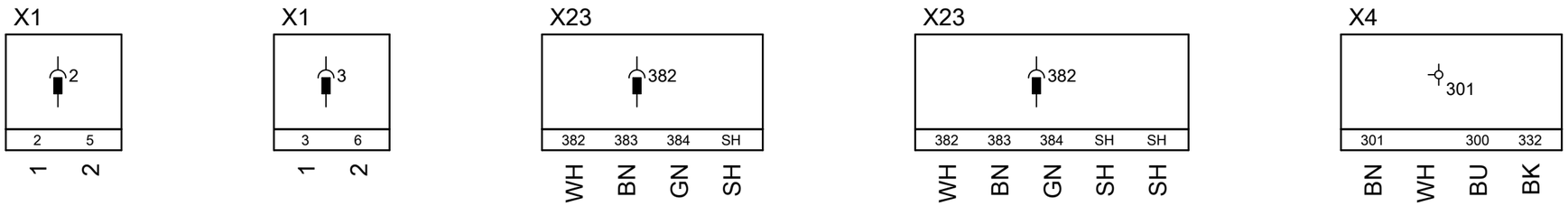
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 117
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 119 Page 118 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



-W102

/26.7
10181903

Filter Box
Filterkasten

-W103

/26.8
10181904

Filter Box
Filterkasten

-W104

/30.6
10744772

Opening roller speed
Drehzahl Aufloesewalze

-W105

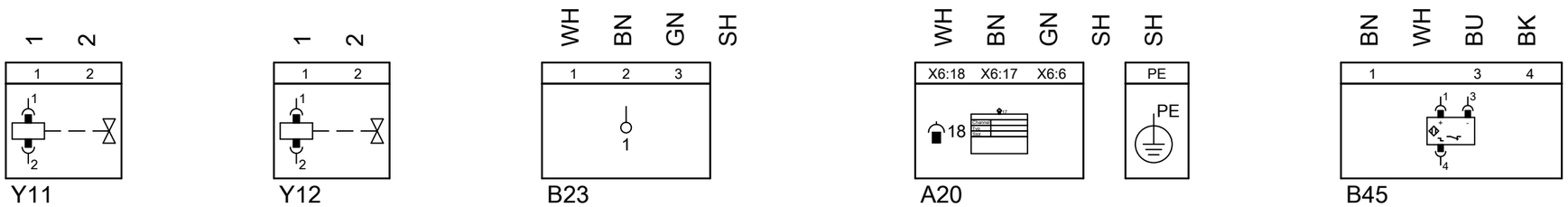
/30.6
10912310

Opening roller speed
Drehzahl Aufloesewalze

-W107

/33.7
10815630

Chamber wall present
Schachtwand vorhanden



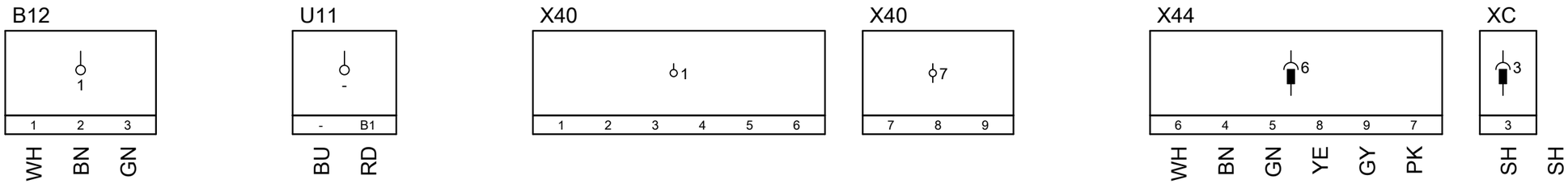
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 118 next 120
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 119 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



-W110

/69.0
10922144

-W111

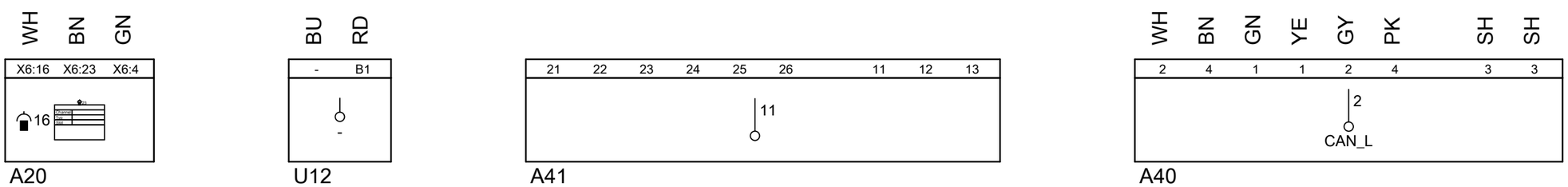
/45.1
10912126

-W113

/82.2
11179562

-W115

/82.7
10915514



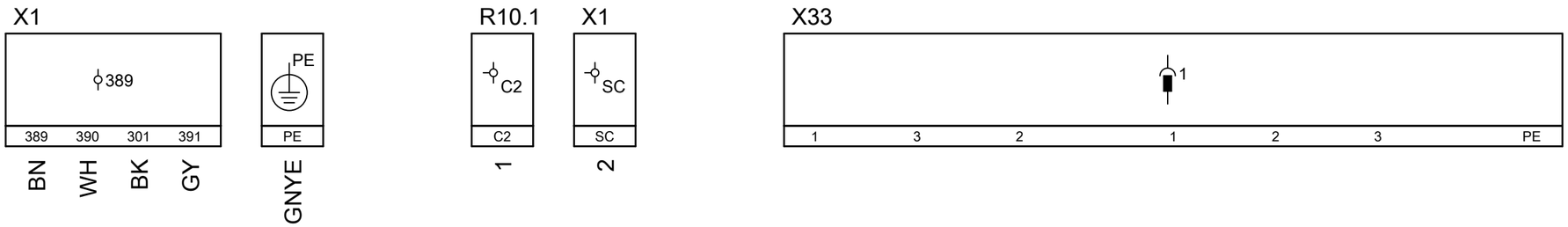
External
extern

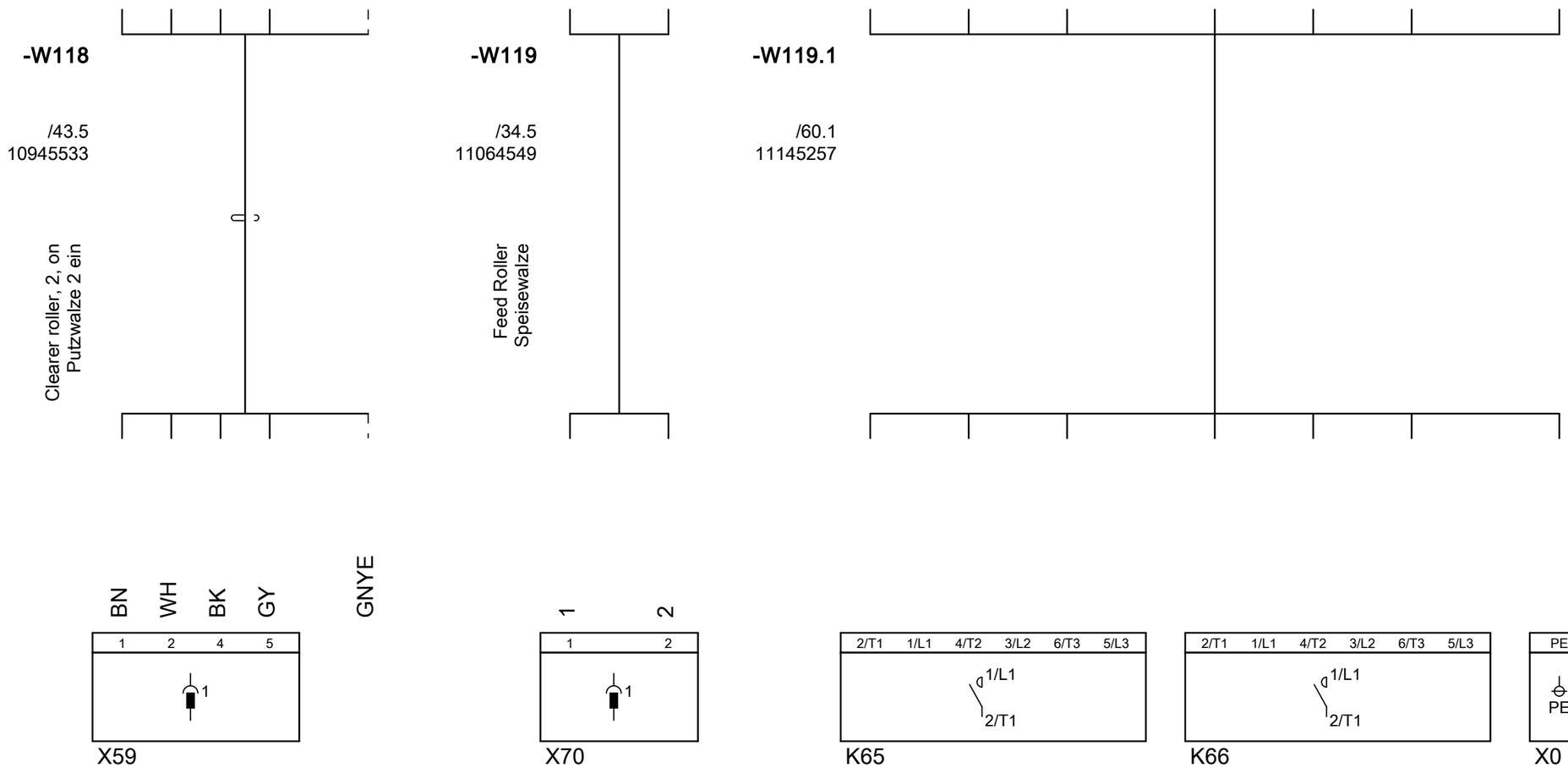
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 119
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 121 Page 120 / 175

Cable connections | Kabelanschlussplan

C0N_V

local
intern





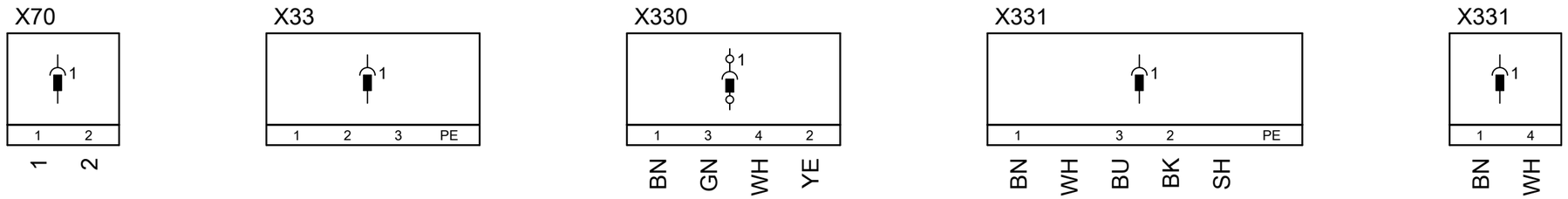
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 120 next 122
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	Page 121 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



-W120
/34.7
11109936

Feed Roller
Speisewalze

-W120.1
/60.1
11146673

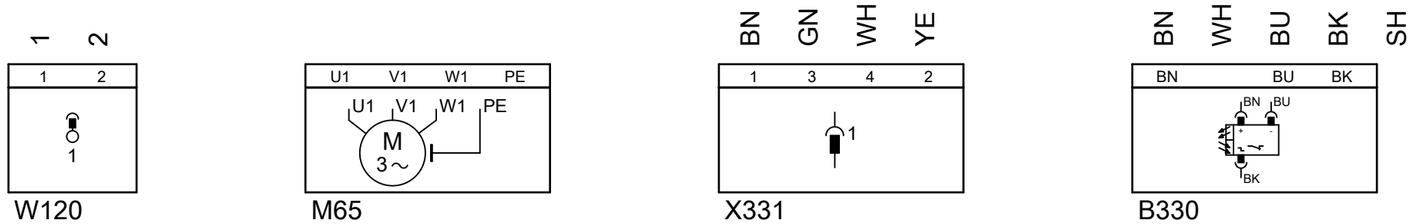
-W132
4x0.5
8 m
/48.2
11088551

-W133
4x0.34
0.47 m
/48.2
11088562;10175561

No web breakage
kein Vliesbruch

-W134
2x0.34
0.47 m
/48.6
11088562

No web breakage
kein Vliesbruch



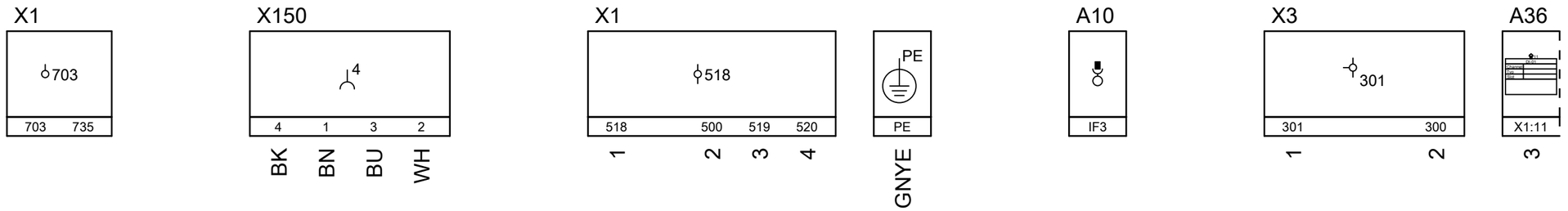
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before 121
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+**	next 123 Page 122 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



Ethernet

-W135
/26.3
11088561

Blowroom ready
Putzerei bereit

-W150
4x0.34
2 m
/62.5
11166748

Sag sensor
Durchhangsensor

-W156
/62.1
11168278

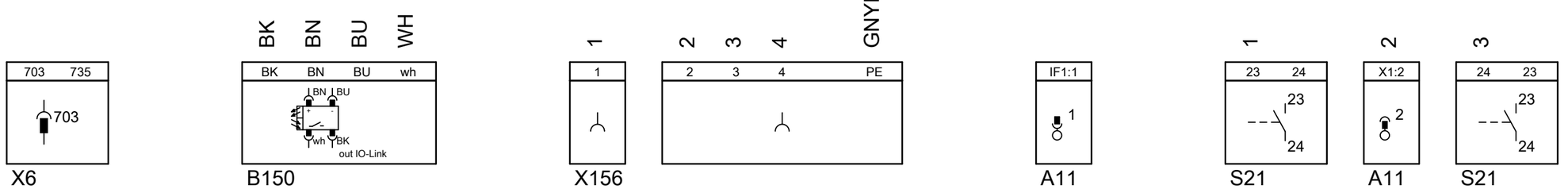
Signal lamp (H1)
H1 Weitleuchte

-W158
4x2x0.16
/75.0
11166723

Ethernet

-W159
/77.1
11166789

Machine on
Maschine ein



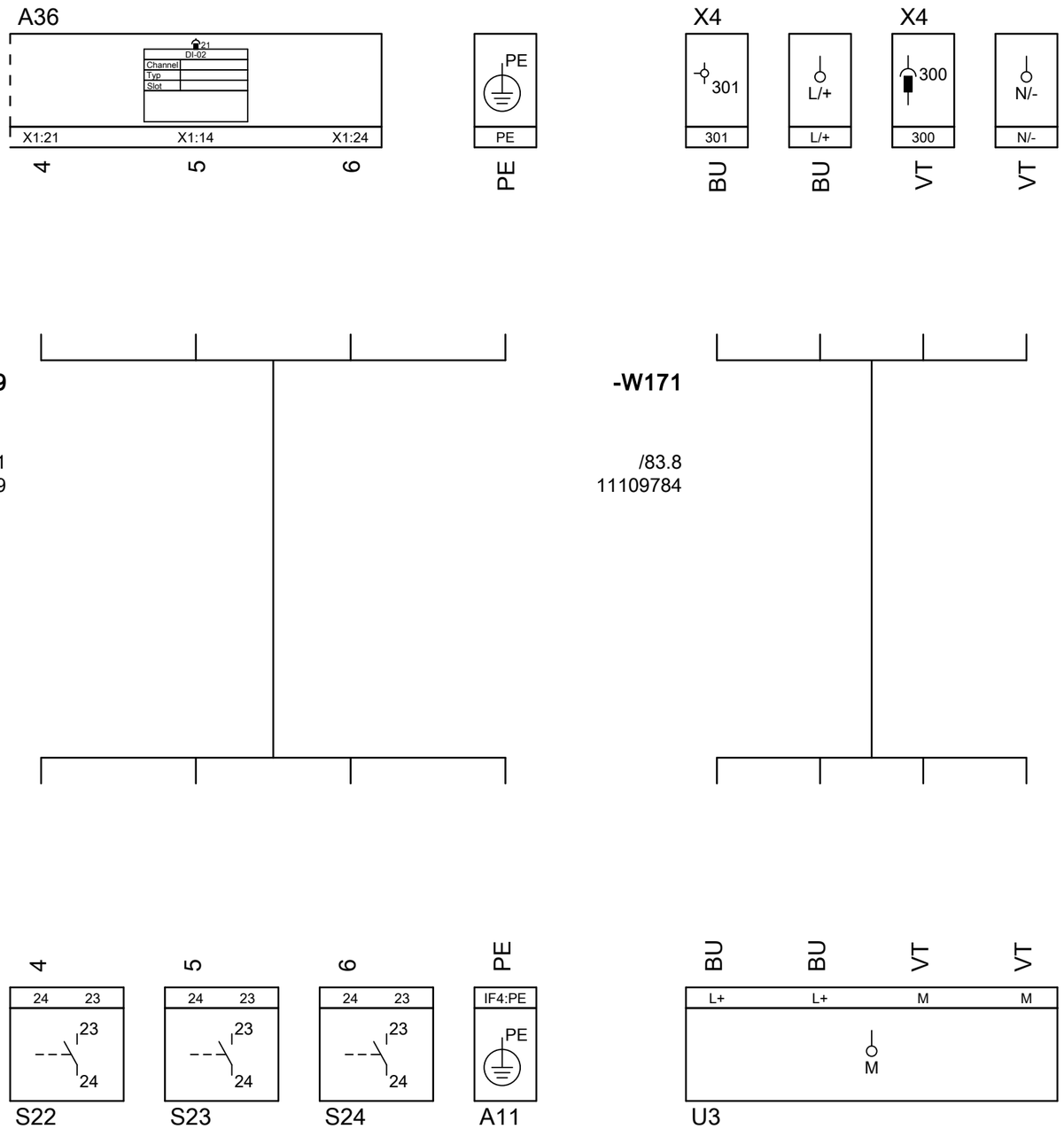
External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 122
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 124 Page 123 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern



External
extern

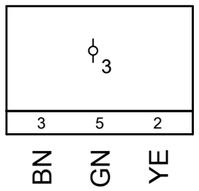
Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			= CON	before 123
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next 125 Page 124 / 175

Cable connections|Kabelanschlussplan

C0N_V

local
intern

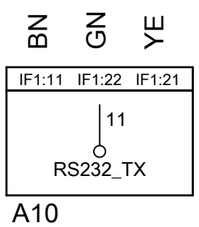
X232



-W232

/75.5
11133422

1



A10

External
extern

Cable connections Kabelanschlussplan			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= CON**	before	124
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	+	next	=DPL/126
							Page	125 / 175

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-A10	/75.3	10819583	CPU CPU		DC24V RS232,Ethernet+EPL,2xUSB	RSB
-A10	/75.3	10753192	CompactFlash CompactFlash		512MB	RSB
-A10	/74.2	10988878	Panel CPU Panel CPU		450 K31 CAN V13	CBA / CBA12
-A10	/74.2	10753192	CompactFlash CompactFlash		512MB	CBA / CBA12
-A10	/74.2	10768828	Battery Batterie		3V 0,95Ah LiMnO2	CBA / CBA12
-A10	/74.2	10419983	Plug in bar Steckleiste		R5.08 Sr 3p 27A 400V	CBA / CBA12
-A11	/75.1	11144226	Powerpanel Powerpanel	CPU CPU	PP- T50 10,1" TFT PCT	RSB
-A11	/75.1	10939849	Plug socket Steckdose		2p 8A AC300V Sr	RSB
-A11	/74.4	10499031	Converter Converter		1xCAN 500kBit/s +aPCI	CBA / CBA12
-A11_R1	/74.6	1845-6025	RESISTOR Widerstand		KM 120E0 0W50 5%	
-A20	/78.4	11240013				
-A20	/78.4	10355903	Housing Gehäuse		DSub 9p 90/180o met.H	
-A20	/78.4	10355906	Connector insert Steckereinsatz		DSub 9p	
-A20	/78.4	10043397	Plug socket Steckdose	straight gerade	5,08R Fk 4p 12A 125V	
-A20	/78.4	10181929	Plug Stecker	belong to zu	D95K-2 (X3)	
-A20	/78.4	10181289	Plug Stecker	belong to zu	D95K-2 (X4/X5)	
-A20	/78.4	10181288	Plug Stecker	belong to zu	D95K-2 (X6)	
-A20X3	/.	10181929	Plug Stecker	belong to zu	D95K-2 (X3)	
-A30	/75.6	10741311	Communication module Kommunikationsmodul		1x CAN 1MBit/s	RSB

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-A30	/75.6	10665785	Plug socket Steckdose		5p 10A AC300V Fdz	RSB
-A31	/79.3	10043381	Combination modul Kombinationsmodul		16DI+16DO,2EZ,1G/TP,CAN	
-A31	/79.3	10126168	Plug socket Steckdose		R3,5 Fdz 18p 12A125V VS	
-A31	/79.3	10126167	Plug socket Steckdose		R3,5 Fdz 12p 12A125V VS	
-A32	/80.3	10043381	Combination modul Kombinationsmodul		16DI+16DO,2EZ,1G/TP,CAN	CBA / CBA 12
-A32	/80.3	10126168	Plug socket Steckdose		R3,5 Fdz 18p 12A125V VS	CBA / CBA 12
-A32	/80.3	10126167	Plug socket Steckdose		R3,5 Fdz 12p 12A125V VS	CBA / CBA 12
-A33	/81.3	10043381	Combination modul Kombinationsmodul		16DI+16DO,2EZ,1G/TP,CAN	RSB
-A33	/81.3	10126168	Plug socket Steckdose		R3,5 Fdz 18p 12A125V VS	RSB
-A33	/81.3	10126167	Plug socket Steckdose		R3,5 Fdz 12p 12A125V VS	RSB
-A36	/76.4	10483506	Input module Eingangsmodul	digital digital	4x DC24V 3.75mA	RSB
-A36	/76.4	10354974	Modul support Modulträger		DC24V	RSB
-A36	/76.4	10354978	Plug socket Steckdose		12p AC230V 10A	RSB
-A40	/82.5	10470244	Buscontroller Buscontroller		1x CAN-I/O 1MBit/s	PM - RSB
-A40	/82.5	10438306	Modul support Modulträger		DC24V	PM - RSB
-A40	/82.5	10438308	Power feed Einspeisung	module Modul	DC24V X2X Link, I/O	PM - RSB
-A40	/82.5	10354978	Plug socket Steckdose		12p AC230V 10A	PM - RSB
-A40	/82.5	10665785	Plug socket Steckdose		5p 10A AC300V Fdz	PM - RSB
-A41	/82.3	10917546	Input module Eingangsmodul	analog analog	3x AC480V 5A	PM - RSB

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-A41	/82.3	10917426	Modul support Modulträger		2x DC24V	PM - RSB
-A41	/82.3	10917419	Plug socket Steckdose		12p AC240V 10A	PM - RSB
-B1	/68.2	10419152	Initiator Initiator		PNP/NO DC10...30V 4b	
-B1	/68.2	10443676	Cable socket Kabelsteckdose		90G M12x1 10m4p+Sx0,25PUR	
-B2	/67.1	10354884	Initiator Initiator		PNP/NO DC12...30V 12nb	
-B2	/67.1	10148418	Cable socket Kabelsteckdose		180G M12x1 5m 4px0,34 PVC	
-B3	/68.6	10444154	Initiator Initiator		PNP/NO DC10...30V 2b	
-B3	/68.6	10163446	Cable socket Kabelsteckdose		180G M12x1 10m 4p+Sx0.34 PUR	
-B4	/68.8	10419152	Initiator Initiator		PNP/NO DC10...30V 4b	
-B4	/68.8	10163446	Cable socket Kabelsteckdose		180G M12x1 10m 4p+Sx0.34 PUR	
-B5	/70.4	10355041	Initiator Initiator		4...20mA DC15...30V 1...5nb	
-B5	/70.4	10163446	Cable socket Kabelsteckdose		180G M12x1 10m 4p+Sx0.34 PUR	
-B6	/70.1	10607567	MEASURING UNIT Wegaufnehmer		ind. mit Messverst.	
-B7	/13.7;/50.6	11069621	Light scanner Lichttaster			CBA / CAB12
-B7	/50.6	10175561	Cable socket Kabelsteckdose	angle Winkel	5m M8x1 4p+S PUR	CBA / CAB12
-B8	/55.3	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA
-B8	/67.3	10354884	Initiator Initiator		PNP/NO DC12...30V 12nb	
-B8	/67.3	10354998	Cable socket Kabelsteckdose		180G M12x1 10m 4px0,34PVC	
-B9	/55.5	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-B9	/68.4	10419152	Initiator Initiator		PNP/NO DC10...30V 4b	
-B9	/68.4	10163446	Cable socket Kabelsteckdose		180G M12x1 10m 4p+Sx0.34 PUR	
-B10	/55.6	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA
-B11	/67.6	10981657	Reflecting light barrier Reflexlichtschranke	PNP PNP	DC10...30V	
-B12	/69.2	11008048	Pressure transmitter Druckmessumformer		0...1500Pa 0...5V	
-B13	/13.5;/50.4	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA / CAB12
-B16	/55.1	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA
-B18	/59.4	10419152	Initiator Initiator		PNP/NO DC10...30V 4b	CBA 12
-B23	/30.8	10780361	Pressure transmitter Druckmessumformer		0...250Pa 4...20mA	
-B44	/30.2	10845968	Initiator Initiator		PNP/NO DC10...30V 4b	
-B44	/30.2	10163446	Cable socket Kabelsteckdose		180G M12x1 10m 4p+Sx0.34 PUR	
-B45	/33.7	10422615	Initiator Initiator		PNPs DC24V 8nb M18x1 M12,4p	
-B51	/85.2	10003218	Contact support Kontaktträger	fix fest		ICL
-B51	/85.2	10003219	MAGNET Magnet	MOBIL beweglich		ICL
-B52	/85.1	10003218	Contact support Kontaktträger	fix fest		ICL
-B52	/85.1	10003219	MAGNET Magnet	MOBIL beweglich		ICL
-B60	/57.5	10419152	Initiator Initiator		PNP/NO DC10...30V 4b	CBA 12
-B61	/59.3	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA 12
-B62	/59.1	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA 12

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-B62	/59.1	11083771				CAB12
-B63	/59.2	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA 12
-B64	/59.7	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA 12
-B65	/59.6	10917132	Magnetic switch Magnetschalter		2L LED DC24V	CBA 12
-B66	/59.8	10759547				CBA 12
-B150	/62.5	11119950	Diffuse sensor Reflex Lichtsensor		IO-Link 0,06...0,55m DC24V	RSB
-B330	/48.3	10075550	Light scanner Lichttaster	PNP PNP	DC10...30V 0,005...0,35m	WSS
-B330	/48.3	10175561	Cable socket Kabelsteckdose	angle Winkel	5m M8x1 4p+S PUR	WSS
-D1	/83.3	11243160	Measuring instrument Messgerät		LCD U-I-P-f	PM - CBA / CBA12
-D1	/83.3	10843456	Mounting frame Einbaurahmen	measuring instrument Messgerät		
-D55	/86.4	10617209	Measuring transmitter Messumformer		0-1A/0-5A 0-20mA/4-20mA DC24V	ITO
-D55	/86.4	10904209	Mounting rail Tragschiene		45x35.2	ITO
-E1	/25.9	10836135	Cooling fan Kühlventilator		DC24V 234m3/h 120x120	
-E1	/25.9	10354967	Finger protection Fingerschutz		115.6 105x105 EN294	
-F1	/25.7	10468209	Automatic cut-out Sicherungsautomat		1p 6A AC230/400V C 6kA	
-F2	/25.9	10468209	Automatic cut-out Sicherungsautomat		1p 6A AC230/400V C 6kA	
-F2	/25.9	10327076	Contact block Kontaktblock		1s1oe6/1A AC15:230/DC14:220	
-F17	/25.3	11135028	Protective switch Schutzschalter		5SV3342-6	
-G1	/25.4	10315964	Power supply unit Netzgerät		3xAC400V/1xDC24V 20A	

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-H	/13.3;/52.2	10356103	Indicator lamp Meldelampe		24V BA15d YE/RD	CBA / CAB12
-H-H1	/52.2	10806733	LED-lamp LED-Lampe		RD BA15d AC24V	CBA / CAB12
-H-H2	/52.4	10578444	Flashing signal light Blitzleuchte		DC24V YE	CBA / CAB12
-K1	/39.2	10355004	Relay Relais		2CO 1f RT III DC24V	
-K1	/39.2	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K1	/39.2	10037121	Socket Stecksockel		8p Sr	
-K10	/35.1	10355004	Relay Relais		2CO 1f RT III DC24V	
-K10	/35.1	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K10	/35.1	10037121	Socket Stecksockel		8p Sr	
-K12	/46.4	10774557	Contactor Schütz		11kW DC24V 1NO/1NC S0	
-K12	/46.4	10779269	Varistor Varistor	module Modul	AC24...48V/DC24...70V	
-K13.1	/35.3	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	LIN
-K13.1	/35.3	10779186	Varistor Varistor	module Modul	DC24 S00	LIN
-K13.2	/35.8	10774555	Contactor Schütz		5,5kW DC24V 1NC S00	LIN
-K13.2	/35.8	10779186	Varistor Varistor	module Modul	DC24 S00	LIN
-K13.2	/35.8	10817872	Interlock Verriegelung		3RT2.1	LIN
-K13.3	/35.6	10774555	Contactor Schütz		5,5kW DC24V 1NC S00	LIN
-K13.3	/35.6	10779186	Varistor Varistor	module Modul	DC24 S00	LIN
-K13	/35.4	10355004	Relay Relais		2CO 1f RT III DC24V	LINV

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-K13	/35.4	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	LINV
-K13	/35.4	10037121	Socket Stecksockel		8p Sr	LINV
-K14	/47.7	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	
-K14	/47.7	10779186	Varistor Varistor	module Modul	DC24 S00	
-K15	/51.3	10355003	Relay Relais		Ag 4Uk 1f IP67 DC24V	CBA 12
-K15	/51.3	10037122	Socket Stecksockel		14p 4Uk	CBA 12
-K15	/51.3	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	CBA 12
-K20	/78.1	10773013	Contactor relay Hilfsschütz		3NO/1NC DC24V	
-K20	/78.1	10779186	Varistor Varistor	module Modul	DC24 S00	
-K21.1	/72.5	10773016	Contactor relay Hilfsschütz		4NO DC24V	
-K21.1	/72.5	10779331	Contact block Kontaktblock		4NO S00,S0	
-K21.1	/72.5	10779186	Varistor Varistor	module Modul	DC24 S00	
-K21.2	/72.8	10787644	Timing relay Zeitrelais		aus-v AC/DC24-240V -10h	
-K21.3	/72.6	10355004	Relay Relais		2CO 1f RT III DC24V	
-K21.3	/72.6	10037121	Socket Stecksockel		8p Sr	
-K21.3	/72.6	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K21.4	/72.7	10773013	Contactor relay Hilfsschütz		3NO/1NC DC24V	
-K21.4	/72.7	10779186	Varistor Varistor	module Modul	DC24 S00	
-K22	/72.4	10773013	Contactor relay Hilfsschütz		3NO/1NC DC24V	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-K22	/72.4	10779186	Varistor Varistor	module Modul	DC24 S00	
-K23	/73.7	10773013	Contactor relay Hilfsschütz		3NO/1NC DC24V	
-K23	/73.7	10779186	Varistor Varistor	module Modul	DC24 S00	
-K23	/73.7	10779289	Contact block Kontaktblock		2NO/2NC S00,S0	
-K26	/46.7	10355004	Relay Relais		2CO 1f RT III DC24V	
-K26	/46.7	10037121	Socket Stecksockel		8p Sr	
-K26	/46.7	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K28	/38.1	10355004	Relay Relais		2CO 1f RT III DC24V	LINV
-K28	/38.1	10037121	Socket Stecksockel		8p Sr	LINV
-K28	/38.2	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	LINV
-K29	/38.3	10355004	Relay Relais		2CO 1f RT III DC24V	LINV
-K29	/38.3	10037121	Socket Stecksockel		8p Sr	LINV
-K29	/38.3	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	LINV
-K41	/28.2	10355004	Relay Relais		2CO 1f RT III DC24V	
-K41	/28.2	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K41	/28.2	10037121	Socket Stecksockel		8p Sr	
-K42.1	/29.5	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	
-K42.1	/29.5	10779186	Varistor Varistor	module Modul	DC24 S00	
-K42.2	/29.8	10774555	Contactor Schütz		5,5kW DC24V 1NC S00	

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-K42.2	/29.8	10779186	Varistor Varistor	module Modul	DC24 S00	
-K42.2	/29.8	10817872	Interlock Verriegelung		3RT2.1	
-K42.3	/29.7	10774555	Contactor Schütz		5,5kW DC24V 1NC S00	
-K42.3	/29.7	10779186	Varistor Varistor	module Modul	DC24 S00	
-K43	/31.8	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	
-K43	/31.8	10779186	Varistor Varistor	module Modul	DC24 S00	
-K50	/43.2	10355004	Relay Relais		2CO 1f RT III DC24V	
-K50	/43.2	10037121	Socket Stecksockel		8p Sr	
-K50	/43.2	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	
-K51	/84.3	10355004	Relay Relais		2CO 1f RT III DC24V	ICL
-K51	/84.3	10037121	Socket Stecksockel		8p Sr	ICL
-K51	/84.3	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	ICL
-K52	/84.5	10355004	Relay Relais		2CO 1f RT III DC24V	ICL
-K52	/84.5	10037121	Socket Stecksockel		8p Sr	ICL
-K52	/84.5	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	ICL
-K55	/86.3	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	ITO
-K55	/86.3	10779186	Varistor Varistor	module Modul	DC24 S00	ITO
-K56	/41.4	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	
-K56	/41.4	10779186	Varistor Varistor	module Modul	DC24 S00	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-K57	/43.5	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	
-K57	/43.5	10779186	Varistor Varistor	module Modul	DC24 S00	
-K60	/57.2	10355004	Relay Relais		2CO 1f RT III DC24V	CBA 12
-K60	/57.2	10037121	Socket Stecksockel		8p Sr	CBA 12
-K60	/57.2	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	CBA 12
-K61	/54.7	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	CBA
-K61	/54.7	10779186	Varistor Varistor	module Modul	DC24 S00	CBA
-K64	/51.5	10355004	Relay Relais		2CO 1f RT III DC24V	CBA 12
-K64	/51.5	10037121	Socket Stecksockel		8p Sr	CBA 12
-K64	/51.5	10370350	Diode module Diodenmodul		DC6-24V 1N4007 1A/1000V +A1	CBA 12
-K65	/60.6	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	CBA 12
-K65	/60.6	10779186	Varistor Varistor	module Modul	DC24 S00	CBA 12
-K66	/60.7	10774554	Contactor Schütz		5,5kW DC24V 1NO S00	CBA 12
-K66	/60.7	10779186	Varistor Varistor	module Modul	DC24 S00	CBA 12
-K330	/49.3	10773011	Contactor relay Hilfsschütz		2NO/2NC DC24V	WSS
-K330	/49.3	10779186	Varistor Varistor	module Modul	DC24 S00	WSS
-K330	/49.3	10779289	Contact block Kontaktblock		2NO/2NC S00,S0	WSS
-L0	/25.0	10630724	Throttle Drossel		3Ph 0,586mH 50A	CBA
-L0	/25.0	10723149	Throttle Drossel		3Ph 0,488mH 60A	RSB

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-M1	/32.1	10805596	Motor Motor		11 kw	L, M
-M1	/32.1	10805598	Motor Motor		15kW	H
-M1	/54.2	10462463	Motor Motor		200 Hz 1.4kW 3870/min	CBA
-M10	/34.1	10385822	Geared motor Getriebemotor			
-M11	/44.1	10468617	Motor Motor		200Hz 1.5kW 3910/min	
-M12	/45.1	10468634	Motor Motor		200Hz 1.5kW 3910/min	L, CBA 12, RSB
-M12	/45.1	10468613	Motor Motor		200 Hz 2.2kW 3920/min	M, H
-M13	/36.2	10849024	Motor Motor		3kW 112-170/4	L
-M13	/36.2	10849026	Motor Motor		3,7 kW 112-170/4	M, H
-M13	/37.1	10849026	Motor Motor		3,7 kW 112-170/4	
-M14	/47.1	11129189				
-M29	/38.5	10424748	CYLINDER Zylinder			LINV
-M29	/38.5	10318480	CYLINDER Zylinder			LINV
-M41	/27.1	10823963	Geared motor Getriebemotor		300 Nm	
-M42	/29.2	11166804				L
-M42	/29.2	11166810				M, H
-M43	/31.1	10205222	FAN Ventilator		F2-801-2J	L, M
-M43	/31.1	10852345	Fan Ventilator	complete komplett		H
-M50	/40.1	11111733				

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-M51	/85.6	10826572	Motor Motor			ICL
-M55	/86.1	10562092	Motor Motor		1.5 kW	ITO
-M56	/40.5	11033738				
-M57	/42.1	11129160				50Hz
-M58	/42.6	10994318	Gear Getriebe	left links	400V	
-M59	/42.8	10994317	Gear Getriebe	right rechts	400V	
-M60	/58.1	11123105	Motor Motor		2.37kW/150Hz	CBA 12
-M65	/60.1	11081421				CBA 12
-Q0	/25.0	10912170	Main switch Hauptschalter	assembly Einbau	3p 22,0kW	
-Q1	/32.1	10771302	Motor protection switch Motorschutzschalter		20-25A 55kA S0	
-Q1	/32.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q1	/32.1	10781384	Busbar block connection Schienenblockverbindung		SL S0	
-Q2	/83.1	11099392	Motor protection switch Motorschutzschalter		0,9...1,25A 100kA S0...S00	PM - CBA / CBA12
-Q2	/83.1	11075058				PM - CBA / CBA12
-Q10	/34.1	10771292	Motor protection switch Motorschutzschalter		2.2-3.2A 100kA S00	
-Q10	/34.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q10	/34.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q12	/45.1	10771297	Motor protection switch Motorschutzschalter		11-16A 55kA S00	L, CBA 12, RSB
-Q12	/45.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	L, CBA 12, RSB

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-Q12	/45.1	10771301	Motor protection switch Motorschutzschalter		17-22A 55kA S0	H
-Q12	/45.1	10781384	Busbar block connection Schienenblockverbindung		SL S0	H
-Q12	/45.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q13	/36.1	10771295	Motor protection switch Motorschutzschalter		5.5-8.0A 100kA S00	LIN - L
-Q13	/36.1	10771296	Motor protection switch Motorschutzschalter		7.0-10A 100kA S00	LIN - M, H
-Q13	/36.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	LIN - L, M, H
-Q13	/36.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	LIN - L, M, H
-Q13	/37.1	10772802	Motor protection switch Motorschutzschalter		9.0-12.5A 100kA S00	LINV
-Q13	/37.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	LINV
-Q13	/37.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	LINV
-Q14	/47.1	10771299	Motor protection switch Motorschutzschalter		0.9-1.25A 100kA S00	
-Q14	/47.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q14	/47.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q15	/25.4	10771296	Motor protection switch Motorschutzschalter		7.0-10A 100kA S00	
-Q15	/25.4	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q40	/82.1	11099392	Motor protection switch Motorschutzschalter		0,9...1,25A 100kA S0...S00	PM - RSB
-Q40	/82.1	11075058				PM - RSB
-Q41	/27.1	10771292	Motor protection switch Motorschutzschalter		2.2-3.2A 100kA S00	
-Q41	/27.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	

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-Q41	/27.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q42	/29.1	10771296	Motor protection switch Motorschutzschalter		7.0-10A 100kA S00	L
-Q42	/29.1	10772802	Motor protection switch Motorschutzschalter		9.0-12.5A 100kA S00	M, H
-Q42	/29.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	L, M, H
-Q42	/29.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	L, M, H
-Q43	/31.1	10777101	Motor protection switch Motorschutzschalter		1.1-1.6A 100kA S00	
-Q43	/31.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q43	/31.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q50	/40.1	10771299	Motor protection switch Motorschutzschalter		0.9-1.25A 100kA S00	
-Q50	/40.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q50	/40.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q55	/86.1	10771293	Motor protection switch Motorschutzschalter		2.8-4.0A 100kA S00	ITO
-Q55	/86.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	ITO
-Q55	/86.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	ITO
-Q55	/86.1	10788191	Busbar system Sammelschienensystem		3 S00,S0	ITO
-Q57	/42.1	10771299	Motor protection switch Motorschutzschalter		0.9-1.25A 100kA S00	
-Q57	/42.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q57	/42.1	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q58	/42.6	10777089	Motor protection switch Motorschutzschalter		0.18-0.25A 100kA S00	

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

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-Q58	/42.6	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	
-Q58	/42.6	10781383	Busbar block connection Schienenblockverbindung		SL S00	
-Q60	/58.1	10772802	Motor protection switch Motorschutzschalter		9.0-12.5A 100kA S00	CBA 12
-Q60	/58.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	CBA 12
-Q61	/61.2	10771302	Motor protection switch Motorschutzschalter		20-25A 55kA S0	RSB
-Q61	/61.2	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	RSB
-Q61	/61.2	10781384	Busbar block connection Schienenblockverbindung		SL S0	RSB
-Q65	/60.1	10771250	Motor protection switch Motorschutzschalter		0.7-1.0A 100kA S00	CBA 12
-Q65	/60.1	10772801	Contact block Kontaktblock		TA 1NO/1NC S00	CBA 12
-R10	/34.0	10804533	Braking resistor Bremswiderstand		560E 50W	
-R10.1	/34.4	11069483	Resistor Widerstand		10kE 0207 0,4W 1%	
-R11.1	/44.1	10804532	Braking resistor Bremswiderstand		270E 50W	
-R11.2	/44.1	10804532	Braking resistor Bremswiderstand		270E 50W	
-R44	/82.8	1845-6025	RESISTOR Widerstand		KM 120E0 0W50 5%	
-R56	/86.6	10661861	Resistor Widerstand		0,25W 249E 1% 250V 0207	ITO
-S6	/73.5	10031741	Key switch head Schlossschalterkopf		Dm22 Msw Lr/Rr	
-S6	/73.5	10037198	Fixing flange Befestigungsflansch		Dm22	
-S6	/73.5	10031777	Contact Kontakt	single einfach	Ag 1s Dm22	
-S6	/73.5	10031778	Contact Kontakt	single einfach	Ag 1oe Dm22	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-S7	/48.6	10354961	Pressure switch Druckschalter		100-1000PA DC30V0,1A 1u Au	WSS
-S8	/72.5	10107891	Emergency shut-down head Not-Aus-Tasterkopf	locking rastend	rt Dm22 Msw	CBA_*
-S8	/72.5	10031766	Contact Kontakt		Ag 1s1oe Dm22	CBA_*
-S8	/72.5	10206016	Warning ring Warnring	yellow gelb	RAL1012 55/22,5 EN418	CBA_*
-S8	/72.5	10957241	Emergency shut-down head Not-Aus-Tasterkopf	locking rastend	DM30.5	RSB
-S8	/72.5	10957247	Modul support Modulträger		3 Dm30	RSB
-S8	/72.5	10957250	Contact block Kontaktblock	momentary tastend	1NC 240V 3A	RSB
-S8	/72.5	10957249	Contact block Kontaktblock	momentary tastend	1NO 240V 3A	RSB
-S9	/69.6	10354961	Pressure switch Druckschalter		100-1000PA DC30V0,1A 1u Au	
-S11	/55.8	10160950	Limit switch Endschalter	feeling feather Tastfeder	L 12h Sp 1s1oe	CBA
-S11	/64.7	10031762	Contact Kontakt		Ag 1s Dm22	
-S11	/64.7	10031685	Push button head Tasterkopf		BK Dm22 Msw	
-S15	/13.4;/51.1	10242750	Safety limit switch Sicherheitsendschalter		AgNi 2oe	CBA / CAB12
-S18	/72.0	10900641	Safety limit switch Sicherheitsendschalter		AC/DC24V 2NC2NO	
-S18	/72.2	10206094	Safety limit switch Sicherheitsendschalter		DC24V Ag 2s2oe	
-S21	/77.1	11138589	Lighted push button head Leuchttasterkopf	complete komplett	GN Dm30 43	RSB
-S21	/77.1	10911696	Contact block Kontaktblock	momentary tastend	1NO/1NC AC250V 5A	RSB
-S22	/77.3	11139476	Lighted push button head Leuchttasterkopf	complete komplett	RD Dm30 42	RSB
-S22	/77.3	10911696	Contact block Kontaktblock	momentary tastend	1NO/1NC AC250V 5A	RSB

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-S23	/77.5	11139473	Lighted push button head Leuchttasterkopf	complete komplett	GN Dm30 124308	RSB
-S23	/77.5	10911696	Contact block Kontaktblock	momentary tastend	1NO/1NC AC250V 5A	RSB
-S24	/77.7	11139477	Lighted push button head Leuchttasterkopf	complete komplett	RD Dm30 JU	RSB
-S24	/77.7	10911696	Contact block Kontaktblock	momentary tastend	1NO/1NC AC250V 5A	RSB
-S40	/33.1	10242750	Safety limit switch Sicherheitsendschalter		AgNi 2oe	
-S41	/33.3	10031762	Contact Kontakt		Ag 1s Dm22	
-S53	/85.3	10331443	Switch Schalter	micro Micro		ICL
-S57	/43.5	10945602	Safety limit switch Sicherheitsendschalter	magnetic magnetisch		
-T1	/25.0	10912693	Current transformator Stromwandler		3x 60A/5A	PM - CBA / CBA 12 PM - RSB
-U1	/32.0	10575226	Frequency converter Frequenzumrichter		7.5/11.0kW 380...480V	L
-U1	/32.0	10575227	Frequency converter Frequenzumrichter		11.0/15.0kW 380...480V	H
-U1	/32.0	10688736	Interface Interface		T1000V CANopen/Terminal	
-U1	/32.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	
-U1	/32.0	10668387	Air cooler Luftkühler		11KW	L
-U1	/32.0	10668388	Air cooler Luftkühler		15KW	H
-U1	/32.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	
-U3	/83.7	10843458	Ethernet Ethernet	switch Schalter	5xRJ45 10/100Mbit/s	PM - CBA / CBA12
-U10	/34.0	10574779	Frequency converter Frequenzumrichter		0.75/1.5kW 380...480V	
-U10	/34.4	10715280	Current supervision Stromüberwachung		DC24V 1...6A	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-U10	/34.0	10688736	Interface Interface		T1000V CANopen/Terminal	
-U10	/34.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	
-U10	/34.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	
-U11	/44.1	10574779	Frequency converter Frequenzumrichter		0.75/1.5kW 380...480V	
-U11	/44.1	10688736	Interface Interface		T1000V CANopen/Terminal	
-U11	/44.1	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	
-U11	/44.1	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	
-U12	/45.1	10575223	Frequency converter Frequenzumrichter		3.0/4.0kW 380...480V	L, CBA 12, RSB
-U12	/45.1	10575224	Frequency converter Frequenzumrichter		4.0/5.5kW 380...480V	H
-U12	/45.1	10688736	Interface Interface		T1000V CANopen/Terminal	L, H
-U12	/45.1	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	L, H
-U12	/45.1	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	L, H
-U13	/37.0	10575223	Frequency converter Frequenzumrichter		3.0/4.0kW 380...480V	LINV - L
-U13	/37.0	10575224	Frequency converter Frequenzumrichter		4.0/5.5kW 380...480V	LINV - H
-U13	/37.0	10688736	Interface Interface		T1000V CANopen/Terminal	LINV
-U13	/37.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	LINV
-U13	/37.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	LINV
-U41	/27.0	10574778	Frequency converter Frequenzumrichter		0.4/0.75kW 380...480V	
-U41	/27.0	10688736	Interface Interface		T1000V CANopen/Terminal	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-U41	/27.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	
-U41	/27.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	
-U50	/40.0	10574778	Frequency converter Frequenzumrichter		0.4/0.75kW 380...480V	
-U50	/40.0	10688736	Interface Interface		T1000V CANopen/Terminal	
-U50	/40.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	
-U50	/40.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	
-U60	/58.0	10575222	Frequency converter Frequenzumrichter		2.2/3.0kW 380...480V	CBA 12
-U60	/58.0	10688736	Interface Interface		T1000V CANopen/Terminal	CBA 12
-U60	/58.0	10445978	Plug in bar Steckleiste		R5,08 Sr 4p 12A250V	CBA 12
-U60	/58.0	10205766	PASTE Paste	NON-SILICONE silikonfrei	0,9-1W/mK	CBA 12
-V52	/85.5	1812-0000	DIODE Diode		1A 1000V	
-W0	/25.3	10055056	Flex wire Litze		SCH - C 60	
-W1	/25.0	10086792	Cable Kabel		L0 - X0	
-W2	/27.1	10662192	Cable Kabel		U41 - X41	
-W3	/27.1	10181934	CABLE Kabel		W3 X41 - M41 V8	
-W4	/33.1	10919823	Cable Kabel		W4 X1 - CHU/X4	
-W5	/30.0	10181882	Cable Kabel		von X5 nach B 44	
-W6	/30.0	10083113	Cable Kabel		A20/ X3 - X5	
-W7	/31.1	10086815	Cable Kabel		K43 - X43	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-W8	/31.1	10086896	Cable Kabel		X43 - M43	
-W9	/32.0	10815127	Cable Kabel		Q1- U1 T1000 V3	
-W10	/32.1	10815614	Cable Kabel		U1-M1 V3	
-W11	/32.2	10815501	Cable Kabel		M1/S1-U1 V3	
-W12	/32.4	10948260	Cable Kabel		CHU/X4 - U1	
-W13	/32.7	10181874	Cable Kabel		EC1/X44 - U1	
-W14	/29.1	10086814	Cable Kabel		K42 - X42	
-W15	/29.1	10086895	CABLE Kabel		W15 X42 - M42	
-W16	/26.1	10916712	Cable Kabel		EC1/X1-X6	
-W18	/33.1	10182196	CABLE Kabel		W18 CHU/X4 - S40	
-W19	/33.3	10180956	Cable Kabel		X4 - S41 V7 V8	
-W20	/33.4	10009214	CABLE Kabel		W20 X4 - M42/S42	
-W23	/34.1	10375486	Cable Kabel		U10 - X10	
-W24	/34.1	10375487	Cable Kabel		X10 - M10 V9	
-W25	/36.1	10815123	Cable Kabel		K13 - X13 V3	
-W26	/36.1	10375488	Cable Kabel		X13 - M13 V9	
-W27	/38.6	10181264	Cable Kabel		W27 EC1/X1 - M29/R29	
-W28	/37.1	10815112	Cable Kabel		U13 - X13 VS V3	
-W29	/37.1	10375490	Cable Kabel		X13 - M13 VS V9	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-W30	/40.1	10375758	Cable Kabel		U50 - X50	
-W31	/40.1	10913708				
-W32	/40.5	10694716	Cable Kabel		K56-X56	
-W33	/40.5	10375760	Cable Kabel		X56/X556 - M56	
-W34	/42.1	10375756	Cable Kabel		K57 - X57	
-W35	/42.1	10375755	Cable Kabel		X57/X557 - M57	
-W36	/42.6	10918689	Cable Kabel		W36 K56 - X58 V3	
-W37	/42.6	11044874	Cable Kabel		W37 X58 - M58/M59	
-W38	/44.1	10662254	Cable Kabel		U11 - M11	
-W39	/47.1	10375493	Cable Kabel		K14 - X14 V9	
-W40	/47.1	10375492	Cable Kabel		X14 - M14 V9	
-W41	/45.1	10181984	Cable Kabel		SA/X12 - M12 V8	
-W42	/54.1	10180840	CABLE Kabel		K61 - X31	
-W42.1	/58.1	11145256				CBA 12
-W43	/54.1	10086930	CABLE Kabel		W43 X31-M1	
-W43.1	/58.1	11145238				CBA 12
-W44	/50.2	11099227				
-W44.1	/50.3	11144898				
-W45	/55.1	10919470	Cable Kabel		CBA/X1 - B16	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-W45.1	/59.0	11146670				CBA 12
-W46	/55.3	10919488	Cable Kabel		CBA/X1 - B8	
-W46.1	/59.3	11146691				
-W47	/55.5	10919486	Cable Kabel		CBA/X1 - B9	
-W47.1	/59.6	11146676				
-W48	/55.6	10919487	Cable Kabel		CBA/X1 - B10	
-W48.1	/59.7	11146678				
-W49	/55.8	10182588	Cable Kabel		W49 X1 - S11	600/1000
-W49	/55.8	10931319	Cable Kabel		W49 X1 - S11	750/800
-W50	/50.3	10919490	Cable Kabel		CBA/X1 - B13	<60"
-W50	/50.3	10919489	Cable Kabel		CBA/X1 - B13	60"
-W50.1	/50.3	11144905				
-W51	/51.1	10182589				<60"
-W51	/51.1	10182610	Cable Kabel		W51 X1 - S15 60"	60"
-W51.1	/51.1	11144906				
-W52	/51.6	10182500	Cable Kabel		W52 CBA/X1 - M1/S1	<60"
-W52	/51.6	10182506	CABLE Kabel		CBA-X1 - M1/S1 60"	60"
-W52.1	/51.6	11144907				
-W53	/50.5	10182507	Cable Kabel		CBA/X1 - B7 1524mm	60"

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-W53	/50.5	10182502	Cable Kabel		CBA-X1 - B 7	<60"
-W53.1	/50.5	11144964				
-W54	/53.1	10975196	Cable Kabel		W54 X1-X35	
-W55.1	/59.1	11146694				
-W56.1	/59.4	11169065				CBA 12
-W57.1	/59.8	11146695				CBA 12
-W60.02	/58.5	11157187				CBA 12
-W60.01	/57.6	11157221				CBA 12
-W60	/63.0	10914895	Cable Kabel		X1 - X15	
-W65	/67.1	10669639	Cable Kabel		X2 - B2	
-W66	/67.3	10669180	Cable Kabel		X8 - B8	
-W67	/67.6	10987123	Cable Kabel		W67 EC1/X1-B11	
-W68	/67.1	10669641	Cable Kabel		EC1/X1-X2	
-W69	/67.3	10666032	CABLE Kabel		EC1/X1 - X8	
-W70	/68.1	10181935	Cable Kabel		SA-A 20/X3 - B 1 V8	
-W71	/68.3	10181924	Cable Kabel		SA/A20X3 - B 9	
-W72	/68.5	10443728	Extension cable Verlängerungskabel		M8 3p/M12 3p 1m PUR	
-W73	/68.5	10181930	Cable Kabel		SA/A20X3 - MA/X3/B 3 V8	
-W74	/68.7	10181931	Cable Kabel		SA/A20X3 - MA/B4 V8	

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-W76	/69.6	10375504	Cable Kabel		X1 - S9 V9	
-W77	/70.1	10375588	Cable Kabel		SA-A 20/X6 - B 6 V9	
-W78	/70.4	10375505	Cable Kabel		SA-A 20/X6 - B 5	
-W79	/72.0	10009197	Cable Kabel		X1 - S18	
-W80	/85.1	10375746	Cable Kabel		SA/X1 - X50 V9	
-W81	/85.1	10087150	Cable Kabel		X52 - B52	
-W82	/85.2	10087149	Cable Kabel		X50 - B 51	
-W83	/85.3	10182160	Cable Kabel		X53 - S53	
-W84	/85.3	10182530	Cable Kabel		X50 - Y52/X53 V7	
-W85	/85.6	10087147	Cable Kabel		X50 - M51	
-W88	/86.1	10926841	Cable Kabel		K55 - X55 C70	
-W89	/86.1	10375494	Cable Kabel		X55 - M55 V9	
-W91	/38.8	10663125	CABLE Kabel		A20/X6 - X1	
-W92	/86.6	10663363	CABLE Kabel		A20/X6 - X56	
-W93	/52.2	10182501	Cable Kabel		v.CBA-X1 n.H1/H2	
-W93	/52.2	10182508	Cable Kabel		CBA-X1 - H1/H2 60"	
-W93.1	/52.2	11144968				
-W95	/61.2	10182278	Cable Kabel		EC1/X30 - X30	
-W99	/82.9	10182049	Cable Kabel		EC1/X44 - X34 V8	

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-W100	/26.5	10181906	Cable Kabel		CHF/X6 - X1	
-W101	/26.6	10181902	Cable Kabel		X1 - Y10	
-W102	/26.7	10181903	Cable Kabel		X1 - Y11	
-W103	/26.8	10181904	Cable Kabel		X1 - Y12	
-W104	/30.6	10744772	CABLE Kabel		W104 B23 - X23	
-W105	/30.6	10912310	Cable Kabel		W105 X23 - A20X6	
-W107	/33.7	10815630	Cable Kabel		X4-B45	
-W110	/69.0	10922144	Cable Kabel		A20/X6 - B12	
-W111	/45.1	10912126	Cable Kabel		U11-U12	
-W113	/82.2	11179562				
-W115	/82.7	10915514	Cable Kabel		EC1/X44 - A40	PM - RSB
-W116	/74.3	10316919	Connecting cable Verbindungskabel		RJ45 5m S/FTP Cat.5e	
-W118	/43.5	10945533	Cable Kabel		EC1/X1 - X59	
-W119	/34.5	11064549				
-W119.1	/60.1	11145257				CBA 12
-W120	/34.7	11109936				
-W120.1	/60.1	11146673				CBA 12
-W132	/48.2	11088551				
-W133	/48.2	11088562				

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-W133	/48.2	10175561	Cable socket Kabelsteckdose	angle Winkel	5m M8x1 4p+S PUR	
-W134	/48.6	11088562				
-W135	/26.3	11088561				
-W150	/62.5	11166748				RBS
-W156	/62.1	11168278				RSB
-W158	/75.0	11166723				RSB
-W159	/77.1	11166789				RSB
-W170	/83.3	11099783				CBA / CBA12
-W171	/83.8	11109784				
-W175	/83.7	10754292	Cable Kabel		Cat5/5e 2xRJ45 0.5m GY	PM
-W232	/75.5	11133422				RSB
-X0	/25.4	10788175	Busbar system Sammelschienensystem	left links	2 S00,S0	
-X0	/25.4	10788191	Busbar system Sammelschienensystem		3 S00,S0	
-X0	/25.4	10788180	Busbar system Sammelschienensystem		x2 S00,S0	
-X0	/83.2;/83.3;/83.6;/83.7	10426074	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 2/2	
-X0	/83.2;/83.3;/83.6;/83.7	10426129	Partition Trennwand		OG 1 2/2	
-X1	/25.9	10426110	Terminal block Reihenklemme		2,5mm2 GY 1 2/2	
-X1	/25.9	10426074	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 2/2	
-X1	/25.9	10426129	Partition Trennwand		OG 1 2/2	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X1	/25.2	10425507	Protective conductor terminal Schutzleiterklemme		16mm2 GNYE 1 1/1	
-X1	/59.6	10480290	Terminal block Reihenklemme		1,5mm2 GY 1/2	
-X1	/59.1	10426110	Terminal block Reihenklemme		2,5mm2 GY 1 2/2	
-X1	/59.4	10426074	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 2/2	
-X1	/26.6	10255951	Connector insert Steckereinsatz		6p sr 1,5mm2 10A 60V	
-X2	/.	10355071	Female insert Buchseneinsatz		6p+E Sr 2,5mm2 16A400V	
-X3	/68.5	10443728	Extension cable Verlängerungskabel		M8 3p/M12 3p 1m PUR	
-X3	/71.3	10426110	Terminal block Reihenklemme		2,5mm2 GY 1 2/2	
-X4	/33.2	10440453	Bushing bar Buchsenleiste		T5 12p 1-12 GY	
-X4	/33.2	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X4	/33.2	10355021	Partition Trennwand		OG	
-X4	/33.2	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X4	/33.2	10140334	End adjuster Endsteller		4mm2 GY	
-X4	/33.2	10415559	Strain relief plate Zugentlastungsplatte		6-9p GY	
-X4	/33.2	10355019	Terminal block Reihenklemme		2,5mm2 GY 2/2	
-X4	/33.2	10415506	Crosswise connector Querverbinder		60mm GY	
-X5	/30.0	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X5	/30.0	10056418	Bushing bar Buchsenleiste		T5 4p 1-4 GY	
-X5	/30.0	10355021	Partition Trennwand		OG	

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Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X5	/30.0	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X5	/30.0	10140334	End adjuster Endsteller		4mm2 GY	
-X5	/30.0	10356568	Strain relief plate Zugentlastungsplatte		4-5p GY	
-X6	/26.1	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X6	/26.1	10355015	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 2Fdz/2Pin	
-X6	/26.1	10096103	Bushing bar Buchsenleiste		T5 5p 1-5 GY	
-X6	/26.1	10355021	Partition Trennwand		OG	
-X6	/26.1	10140334	End adjuster Endsteller		4mm2 GY	
-X6	/26.1	10356568	Strain relief plate Zugentlastungsplatte		4-5p GY	
-X6	/26.1	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X10	/34.3	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X10	/34.3	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X10	/34.1	10375027	Bushing bar Buchsenleiste		5P/E	
-X10	/34.1	10375026	Socket rail Steckerleiste		5P/E	
-X11	/44.3	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X11	/44.3	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X12	/45.1	10426111	Terminal block Reihenklemme		4mm2 GY 1 2/2	
-X12	/45.1	10429231	Partition Trennwand		OG 1 2/2	
-X12	/45.3	10426110	Terminal block Reihenklemme		2,5mm2 GY 1 2/2	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X12	/45.2	10485202	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 2/2	
-X13	/36.1	10375029	Bushing bar Buchsenleiste		6P/E	
-X13	/36.1	10375028	Socket rail Steckerleiste		6P/E	
-X13	/37.2	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X13	/37.2	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X13	/37.2	10140334	End adjuster Endsteller		4mm2 GY	
-X13	/37.1	10375027	Bushing bar Buchsenleiste		5P/E	
-X13	/37.1	10375026	Socket rail Steckerleiste		5P/E	
-X14	/47.1	10375025	Bushing bar Buchsenleiste		3P/E	
-X14	/47.1	10375024	Socket rail Steckerleiste		3P/E	
-X17	/25.3	0920-0910	PLUG SOCKET Steckdose		CEE 3p+E 400V50/60 16A 6h RD	
-X23	/30.6	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X23	/30.6	10056418	Bushing bar Buchsenleiste		T5 4p 1-4 GY	
-X30	/61.3	10426070	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 1/1	RSB
-X30	/61.2	10426092	Terminal block Reihenklemme		4mm2 GY 1 1/1	RSB
-X30	/61.2	10426140	Partition Trennwand		OG 1 1/1	RSB
-X31	/54.2	10056226	Housing top part Gehäuseoberteil		6p Pg13,5 O VL 16A400V	
-X31	/54.2	10355071	Female insert Buchseneinsatz		6p+E Sr 2,5mm2 16A400V	
-X31	/54.2	10355093	Locking bolt Sperrbolzen		A - M3	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X31	/54.2	10056225	Housing bottom part Gehäuseunterteil		6p 1xPg13.5 O VB 35A AC400V	
-X31	/54.2	10355096	Connector insert Steckereinsatz		6p+E Sr 2,5mm2 16A400V	
-X31	/.	10355071	Female insert Buchseneinsatz		6p+E Sr 2,5mm2 16A400V	CBA 12
-X31	/.	10056226	Housing top part Gehäuseoberteil		6p Pg13,5 O VL 16A400V	CBA 12
-X31	/.	10056225	Housing bottom part Gehäuseunterteil		6p 1xPg13.5 O VB 35A AC400V	CBA 12
-X31	/.	10355096	Connector insert Steckereinsatz		6p+E Sr 2,5mm2 16A400V	CBA 12
-X31	/.	10355075	Female insert Buchseneinsatz		6p+E Sr 6mm2 35A400V	
-X32	/50.3	10356524	Housing top part Gehäuseoberteil		24p M25 O VL 16A400V	
-X32	/50.3	10355070	Female insert Buchseneinsatz		24p+E Sr 2,5mm2 16A400V	
-X32	/50.3	10056229	Housing bottom part Gehäuseunterteil		24p 1xPg29 O VL 16A AC400V	
-X32	/50.3	10356544	Connector insert Steckereinsatz		24p+E Sr 2,5mm2 16A400V	
-X33	/60.1	10056226	Housing top part Gehäuseoberteil		6p Pg13,5 O VL 16A400V	
-X33	/60.1	10355071	Female insert Buchseneinsatz		6p+E Sr 2,5mm2 16A400V	
-X33	/60.1	10355093	Locking bolt Sperrbolzen		A - M3	
-X33	/60.1	10056225	Housing bottom part Gehäuseunterteil		6p 1xPg13.5 O VB 35A AC400V	
-X33	/60.1	10355096	Connector insert Steckereinsatz		6p+E Sr 2,5mm2 16A400V	
-X34	/82.9	10016864	Housing Gehäuse	DSub DSub	9p 180o	
-X34	/82.9	10355913	Plug Stecker		9p DSub Cr DIN41652	
-X34	/82.9	10355909	Contact pin Kontaktstift		Au 0,2-0,32mm2 AWG24-20	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X34	/82.9	10355094	Screw bolt Schraubbolzen		DSub 4-40UNC/4-40UNC	
-X40	/25.1	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	PM - RSB
-X40	/25.1	10355021	Partition Trennwand		OG	PM - RSB
-X40	/25.1	10140334	End adjuster Endsteller		4mm2 GY	PM - RSB
-X41	/27.2	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X41	/27.2	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X41	/27.2	10140334	End adjuster Endsteller		4mm2 GY	
-X41	/27.1	10056419	Bushing bar Buchsenleiste		T5 6p 1-6 GY	
-X41	/27.1	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X41	/27.1	10355015	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 2Fdz/2Pin	
-X41	/27.1	10356568	Strain relief plate Zugentlastungsplatte		4-5p GY	
-X41	/27.1	10140334	End adjuster Endsteller		4mm2 GY	
-X41	/27.1	10355021	Partition Trennwand		OG	
-X41	/27.1	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X42	/29.1	10056440	Bushing bar Buchsenleiste		T5 7p 1-7 GY	
-X42	/29.1	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X42	/29.1	10355015	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 2Fdz/2Pin	
-X42	/29.1	10356568	Strain relief plate Zugentlastungsplatte		4-5p GY	
-X42	/29.1	10355021	Partition Trennwand		OG	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X42	/29.1	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X43	/31.1	10056418	Bushing bar Buchsenleiste		T5 4p 1-4 GY	
-X43	/31.1	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X43	/31.1	10355015	Protective conductor terminal Schutzleiterklemme		4mm2 GNYE 1 2Fdz/2Pin	
-X43	/31.1	10356568	Strain relief plate Zugentlastungsplatte		4-5p GY	
-X43	/31.1	10355021	Partition Trennwand		OG	
-X43	/31.1	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X44	/32.8	10180467	Bushing bar Buchsenleiste	blank unbeschriftet	T5 3p GY	
-X44	/32.8	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X44	/32.8	10355021	Partition Trennwand		OG	
-X44	/32.8	10140334	End adjuster Endsteller		4mm2 GY	
-X50	/40.3	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X50	/40.3	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X50	/40.3	10140334	End adjuster Endsteller		4mm2 GY	
-X50	/40.1	10375026	Socket rail Steckerleiste		5P/E	
-X50	/40.1	10375027	Bushing bar Buchsenleiste		5P/E	
-X54	/86.6	10440453	Bushing bar Buchsenleiste		T5 12p 1-12 GY	
-X54	/86.6	10355014	Terminal block Reihenklemme		4mm2 GY 1 2Pin/2Fdz	
-X54	/86.6	10355021	Partition Trennwand		OG	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X54	/86.6	10355009	Coding pin Codierstift	bushing bar Buchsenleiste	OG	
-X54	/86.6	10140334	End adjuster Endsteller		4mm2 GY	
-X54	/86.6	10415559	Strain relief plate Zugentlastungsplatte		6-9p GY	
-X55	/86.1	10375025	Bushing bar Buchsenleiste		3P/E	
-X55	/86.1	10375024	Socket rail Steckerleiste		3P/E	
-X56	/40.6	10426072	Protective conductor terminal Schutzleiterklemme		2,5mm2 GNYE 1 1/2	
-X56	/40.6	10426096	Terminal block Reihenklemme		2,5mm2 GY 1/2	
-X56	/40.5	10375026	Socket rail Steckerleiste		5P/E	
-X56	/40.5	10375027	Bushing bar Buchsenleiste		5P/E	
-X57	/42.1	10375024	Socket rail Steckerleiste		3P/E	
-X57	/42.1	10375025	Bushing bar Buchsenleiste		3P/E	
-X58	/42.6	10733068	Plug Stecker		3p 800V 32A m	
-X100	/74.3	10316922	Plug Stecker	adapter Adapter	2xRJ45f 1:1 8P/8C	
-X100	/74.3	10355899	Cable Kabel		FTP Kat5e 2xRJ45m 3m	
-X232	/75.5	10531262	Interface modul Schnittstellenmodul		Dsub m 9p/Fdz	RSB
-X330	/48.2	11062196	Terminal block Reihenklemme		1,5mm2 GY 1 1Pin/2Fdz	
-X330	/48.2	10140334	End adjuster Endsteller		4mm2 GY	
-X330	/48.2	11063041	Partition Trennwand		OG	
-X330	/48.2	11099331	Protective conductor terminal Schutzleiterklemme		1,5mm2 GNYE 1 2Fdz/2Pin	

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-X330	/48.2	11099269	Terminal block Reihenklemme		1,5mm2 GY 1 2Pin/2Fdz	
-X330	/48.2	11099293	Partition Trennwand		OG	
-X331	/48.2	11077982	Housing top part Gehäuseoberteil		D7 M20	
-X331	/48.2	11078329	Female insert Buchseneinsatz		4p+PE 230V 10A	
-X331	/48.2	11077983	Housing bottom part Gehäuseunterteil	open offen		
-X331	/48.2	11078323	Connector insert Steckereinsatz		4p+PE 230/400V 10A	
-XA11	/75.0	10842178	Cable Kabel	assembly Einbau	USB2.0 TypA 0,6m	RSB
-XA11	/75.0	10957276	Protective cap Schutzdeckel	contact switch Taster	Dm22 32x36	RSB
-XA11	/75.0	11073833	Adapter ring Adapterring		30/22	RSB
-Y1	/63.1	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y1	/53.1	10918546	5/2 way solenoid 5/2-Wege-Magnetventil		DC24V	CBA / CAB12
-Y2	/87.7	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	ITO
-Y2	/53.2	10918546	5/2 way solenoid 5/2-Wege-Magnetventil		DC24V	CBA / CAB12
-Y3	/85.9	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	ICL
-Y3	/53.3	10918546	5/2 way solenoid 5/2-Wege-Magnetventil		DC24V	CBA / CAB12
-Y4	/63.2	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y4	/56.3	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	CBA
-Y5	/63.4	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y5	/56.4	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	CBA

Parts list|Artikelstückliste

DPL_VO

Device tag BMK	cross-reference Querverweis	Number Nummer	Designation 1 Bezeichnung 1	Designation 2 Bezeichnung 2	Designation 3 Bezeichnung 3	Option & Variant Option & Variante
-Y6	/63.7	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y6	/53.8	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	CBA / CAB12
-Y7	/63.8	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y7	/53.9	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	CBA / CAB12
-Y8	/63.6	10919458	2x3/2 way solenoid 2x3/2-Wege-Magnetventil		DC24V	
-Y10	/91.3	0900-0665	3/2 way valve 3/2-Wegeventil		Nw4	
-Y10	/26.6	10700942	5/2 way solenoid 5/2-Wege-Magnetventil		Nw5 DC24V	
-Y10	/26.6	10488627	Cable socket Kabelsteckdose		B11 2p+E TR 90G Pg9 VDR	
-Y11	/26.7	10700942	5/2 way solenoid 5/2-Wege-Magnetventil		Nw5 DC24V	
-Y11	/26.7	10488627	Cable socket Kabelsteckdose		B11 2p+E TR 90G Pg9 VDR	
-Y12	/26.9	10700942	5/2 way solenoid 5/2-Wege-Magnetventil		Nw5 DC24V	
-Y12	/26.9	10488627	Cable socket Kabelsteckdose		B11 2p+E TR 90G Pg9 VDR	
-Y52	/85.5	10609811	Electric magnet Elektromagnet		20%	ICL
-Z0	/25.0	11136213	Power filter Netzfilter		3p+PE AC530/305V 50A 0...60Hz	
-Z51	/85.7	0920-6992	RC MODULE RC-Glied		0,22UF/ 47E 250VAC	ICL

Safety device Sicherheitseinrichtung

DTL_Safety

Device tag BMK	Placement Platzierung	cross- reference Querverweis	Operation text Funktionstext
A20	=PLC+EC1	78.4	Analog modul Analogmodul
B45	=CHU+MA	33.7	Chamber wall. Existing Schachtwand. vorhanden
K1	=CYL+EC1	39.2	Drum Trommel
K10	=LIN+EC1	35.1	Feed Roller Speisewalze
K13	=LINV+EC1	35.4	Licker-In Vorreisser
K13.1	=LIN+EC1	35.3	Main contactor on for licker-in Vorreisser Haupt
K15	=CBA12+EC1	51.3	
K20	=PLC+EC1	78.1	Watchdog Watchdog
K21.1	=SLO+EC1	72.5	Emergency Stop Not-Aus
K21.2	=SLO+EC1	72.8	Delay Verzoegerung
K21.3	=SLO+EC1	72.6	Emergency Stop Not-Aus
K21.4	=SLO+EC1	72.7	Emergency shutdown relay Not-Aus Relais
K22	=SLO+EC1	72.4	Door limit switch Tueruebeerwachung
K23	=SLO+EC1	73.7	flat service Deckelservice
K41	=CHU+EC1	28.2	Enabling of feed roller Freigabe Speisewalze
K42.1	=CHU+EC1	29.5	Main contactor on for opening roller Aufloesewalze Haupt
K50	=FLA+EC1	43.2	Frequency converter for driving of flats is active Frequenzumrichter Deckelantrieb ein
S6	=SLO+EC1	73.5	flat service Deckelservice
S8	=SLO+EC1	72.5	Emergency Stop Not-Aus

Safety device Sicherheitseinrichtung

DTL_Safety

Device tag BMK	Placement Platzierung	cross- reference Querverweis	Operation text Funktionstext
S18	=SLO+MA	72.0	Door Limit Switch Tuerendschalter
S40	=CHU+MA	33.1	Door to chute Tuere Schacht
S57	=FLA+MA	43.5	Clearer roller, 2, on Putzwalze 2 ein
U1	=CHU+MA	32.0	drum drive Trommelantrieb
U10	=LIN+EC1	34.0	Feed Roller Speisewalze
U13	=LINV+EC1	37.0	Licker-in Vorreisser
U41	=CHU+EC1	27.0	Feed Roller Speisewalze
U50	=FLA+EC1	40.0	Card flats drive Deckelantrieb

Protocol Safety-Circuit-Loop

This protocol belongs to machine: Serial no:
It must be kept in the electrical cabinet of its machine.

Replacement of any safety related devices must be recorded in this protocol.

All safety related devices must be completely replaced by new, original ones or
by repaired devices coming from Rieter or one of his authorized service partners.

Note:
1) Check Safety device list for identification of safety related devices
2) Test the safety function according to the operating manual

date Datum	Device tag BMK	Placement Platzierung	Description of change	Who	Function checked	Signature
1.1.2020	S8	=SLO+EC1	Example: Emergency Stop Button has been replaced due to mechanical damage of the red plastic push button.	J. Meyer	√	JM

0	1	2	3	4	5	6	7	8	9

Protocol Safety-Circuit-Loop

This protocol belongs to machine: Serial no:
It must be kept in the electrical cabinet of its machine.

date Datum	Device tag BMK	Placement Platzierung	Description of change	Who	Function checked	Signature

0	1	2	3	4	5	6	7	8	9

Protocol Safety-Circuit-Loop

This protocol belongs to machine: Serial no:
It must be kept in the electrical cabinet of its machine.

date Datum	Device tag BMK	Placement Platzierung	Description of change	Who	Function checked	Signature

0	1	2	3	4	5	6	7	8	9

Protocol Safety-Circuit-Loop

This protocol belongs to machine: Serial no:
It must be kept in the electrical cabinet of its machine.

date Datum	Device tag BMK	Placement Platzierung	Description of change	Who	Function checked	Signature

Safety device Sicherheitseinrichtung			**Schema card C75 V1 en/de** **Schema Karde C75 V1 en/de**			**= SDL**	before 165
RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+**	next 167 Page 166 / 175

0	1	2	3	4	5	6	7	8	9

Protocol Safety-Circuit-Loop

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date Datum	Device tag BMK	Placement Platzierung	Description of change	Who	Function checked	Signature

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

Protocol Safety-Circuit-Loop

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RIETER Maschinenfabrik Rieter AG Refer to ISO 16016	Date 2021-11-15	designer L.Zhao approved by Y.Song	ZNG **11118152**	Version 06	Language en/de	**+**	next 169 Page 168 / 175

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Final measurements for ensuring reliable operation of the machine
Abschliessende Messungen zur Gewaehrleistung eines sicheren Betriebes der

Customer name Kundename	
Customer number Kundennummer	
Date of initial operation Datum Inbetriebnahme	

1. Protective conductor test in accordance with EN-60204-1
1. Schutzleiterpruefung gemaess EN-60204-1

Measure the resistance between the ground terminals of the supply line and at the locations specified in the table below. If one of the locations in the table is not present or cannot be measured, make a note of this. The measured value must be below 0.19 Ω.
Widerstandsmessung zwischen den Erdklemmen der Zuleitung und den in der untenstehenden Tabelle definierten Punkten. Falls ein Punkt nicht messbar oder nicht vorhanden ist, muss dies vermerkt werden. Der gemessene Wert muss unter 0.19 Ω sein.

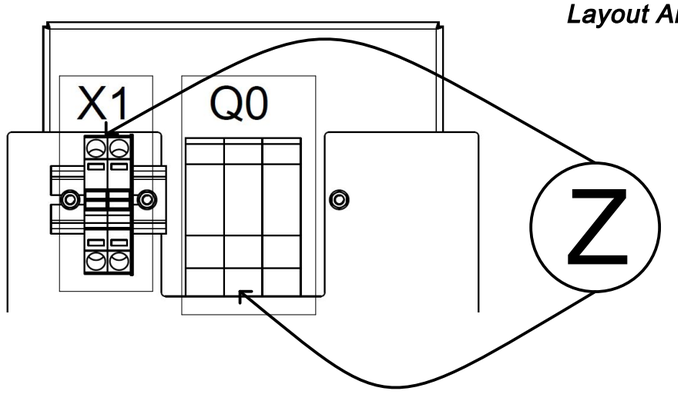
Machine number Maschinennummmer		Serial number Seriennummer		
1.1 +LAY/10.1	Chute. to. Chute. Foot Schacht. nach. Schacht. Fuss		☐	Ω
1.2 +LAY/10.2	Base plate. Card. to. Chute. Foot Grundplatte. Karde. nach. Schacht. Fuss		☐	Ω
1.3 +LAY/10.8	Base plate. Card. to. Licker-in Grundplatte. Karde. nach. Vorreisser		☐	Ω
1.4 +LAY/10.7	Base plate. Card. to. Coiler Grundplatte. Karde. nach. Vorreisser		☐	Ω

2. Loop impedance measurement
2. Schleifenimpedanzmessung

The listed tasks must be carried out by trained personnel!
Die aufgefuehrten Arbeiten muessen von geschultem Personal durchgefuehrt werden!

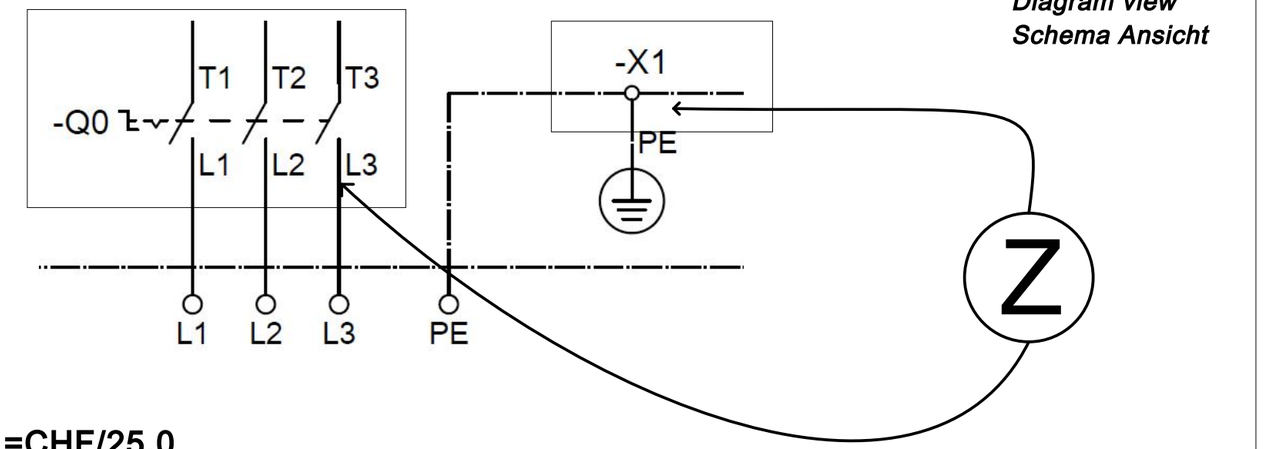
We recommend that the customer takes a loop impedance measurement in accordance with the standards applicable in their country. The devices required for this type of measurement must be organized by the customer in partnership with a local certified test center.
Wir empfehlen dem Kunden, eine Schleifenimpedanzmessung gemaess den in seinem Land geltenden Normen durchzufuehren. Die erforderlichen Geraete fuer diese Art von Messung sollten vom Kunden in Zusammenarbeit mit einer lokalen zertifizierten Pruefstelle organisiert werden.

Layout view
Layout Ansicht



+LAY/11.3

Diagram view
Schema Ansicht



=CHF/25.0

☐ Before commissioning, the customer must ensure that the maximum impedance for the supply line is not more than 500 mΩ
Vor Inbetriebnahme muss der Kunde sicherstellen, dass die maximale Impedanz der Zuleitung 500 mΩ nicht ueberschreitet

☐ Send a copy of this page and a copy of the printout of the loop impedance measurement to Service AMFR
Kopie dieser Seite sowie Kopie des Ausdrucks der Schleifenimpedanzmessung an Service AMFR senden

Measured supply source impedance L-PE
Gemessene Impedanz der Stromquelle L-PE

Z_{L1} = _____ mΩ

Z_{L2} = _____ mΩ

Z_{L3} = _____ mΩ

Name of Rieter Service employee
Rieter Service Mitarbeitername _____

date
Datum _____

Customer signature
Unterschrift Kunde _____